



V.A | 2022

17th edition

Venice Arrhythmias 2022

October 13/14/15

Venice - Italy



Presidents

Antonio Raviele

Andrea Natale

Sakis Themistoclakis

Scientific Secretary

Antonio Rossillo

www.venicearrhythmias.org

Final Program



Dear Colleagues,

We would like to extend a warm welcome to all the participants of VeniceArrhythmias 2022.

For this 17th Anniversary of the International Workshop on Cardiac Arrhythmias we expect more than 700 attendees, coming from over 40 countries.

The aim of the Workshop is to exchange the state-of-the-art information on the diagnosis and management of patients with cardiac arrhythmias, and to present and discuss the most recent advances in the field of basic and clinical cardiac electrophysiology and pacing.

The Scientific program is developed within 3 days in 6 concurrent meeting rooms run by the most worldwide recognized leaders for a total of about 80 sessions.

The program is organized in different sessions: from main symposia to debates, lectures, live sessions, satellite events, oral and poster communications and allied professionals program.

The meeting will also include special Corner Sessions on different topics, prepared in cooperation with Scientific Societies or representatives of geographic areas, didactic teaching Core Curricula with up-to-date information and relevant clinical implications.

Besides the scientific agenda, the Workshop will give you the opportunity to meet your colleagues, discover the latest innovations of the sector and meet the representatives of medical companies.

We urge you not to miss, among the others, the Inaugural Ceremony with the Key Note Speaker, Francis W. Biden the Distinguished Scientist and the Distinguished Teacher Golden Lionel Awards and the Best Abstract Awards (Best Poster and Best Oral communication) in Cenacolo Room at Fondazione Cini on October 14th

The unique setting of the Giorgio Cini Foundation, our Congress venue, is an integrating part of the whole VeniceArrhythmias experience: it certainly represents the ideal surrounding for reflection and study and will definitely favour socialization and friendship between faculty and attendees.

Finally, we invite you to fully appreciate your stay in the city by discovering the charming Venice's artistic treasures, and the many tourist attractions that this unique location can offer.

Wishing you a productive and memorable experience in Venice.

Your sincerely,

Antonio Raviele
MD, FEHRA, FESC, FHRS

Andrea Natale
MD, FACC, FESC, FHRS

Sakis Themistoclakis
MD

Antonio Raviele

Andrea Natale

Sakis Themistoclakis



People and venue

Congress Venue



Fondazione Giorgio Cini
Isola di San Giorgio Maggiore
Venice, Italy, www.visitcini.com

Online scientific sessions
<https://formed.salavirtuale.com/course/view.php?id=88>

Presidents



Antonio Raviele
ALliance to Fight Atrial
fibrillation - ALFA
Venice-Mestre, Italy



Andrea Natale
Texas Cardiac
Arrhythmia Institute
St. David's
Medical Center
Austin, USA



Sakis Themistoclakis
Cardiology Department
Ospedale dell'Angelo
Venice-Mestre, Italy



Scientific Secretariat

Antonio Rossillo
Unit of Electrophysiology
and Cardiac Pacing
Ospedale San Bortolo
Vicenza, Italy



Organizing Committee

President **Edgardo Contato**, Italy



Members **Amin Al-Ahmad**, USA
Luigi Antoniol, Italy
Marco Barbierato, Italy
Chiara Berti, Italy
Cristiano Breda, Italy
J. David Burkhardt, USA
Giovanni Carretta, Italy
Paolo China, Italy
Ada Cutolo, Italy
Domenico Giovanni Della Rocca, USA
Luigi Di Biase, USA
Vittorio Dorrucchi, Italy

Giuseppe Grassi, Italy
Rodney Horton, USA
Francesco Lazzari, Italy
Domenico Mangino, Italy
Lucio Michieletto, Italy
Andrea Natale, USA
Antonio Raviele, Italy
Antonio Rossillo, Italy
Javier Sanchez, USA
Pasquale Santangeli, USA
Sakis Themistoclakis, Italy
Massimo Zuin, Italy



Program Committee



T. Aksu
Istanbul,
Turkey



A.V. Ardashev
Moscow,
Russia



A. Baranchuck
Kingston,
Canada



S. Beheiry
Austin,
USA



D.G. Benditt
Minneapolis,
USA



C. Blomstrom-Lundqvist
Uppsala,
Sweden



M.G. Bongiorno
Pisa,
Italy



G. Boriani
Modena,
Italy



C. Bucciarelli Ducci
London,
UK



J.D. Burkhardt
Austin,
USA



H. Burri
Geneve,
Switzerland



H.G. Calkins
Baltimore,
USA



R. Cappato
Sesto San Giovanni,
Italy



J.N. Catanzaro
Jacksonville,
USA



S.A. Chen
Taipei,
Taiwan



P. China
Venice-Mestre,
Italy



R. De Ponti
Varese,
Italy



L. Di Biase
New York,
USA



I. Efimov
Chicago,
USA



A.E. Epstein
Philadelphia,
USA



M. Figueiredo
Sao Paulo,
Brazil



B. Freedman
Sydney,
Australia



F. Giada
Noale,
Italy



M.R. Gold
Charleston,
USA



R. Gopinathannair
Overland Park,
USA



C. Grasso
Venice-Mestre,
Italy



M.M. Gulizia
Catania,
Italy



D. Gupta
Liverpool,
UK



J.K. Han
Los Angeles,
USA



R.N.W. Hauer
Utrecht,
The Netherlands

Program Committee



K.G. Häusler
Würzburg,
Germany



T. Ikeda
Tokyo,
Japan



W. Jung
Villingen-Schwenningen,
Germany



C. Kennergren
Gothenburg,
Sweden



P. Kirchhof
Hamburg,
Germany



B.P. Knight
Chicago,
USA



K.H. Kuck
Hamburg,
Germany



F.M. Kusumoto
Jacksonville,
USA



D.R. Lakkireddy
Kansas City,
USA



C. Lim
New Orleans,
USA



D. Linz
Maastricht,
The Netherlands



T. Lobban
Stratford-upon-Avon,
UK



F.E. Marchlinski
Philadelphia,
USA



B.J. Maron
Boston,
USA



M.F. Marquez Murillo
Mexico City,
Mexico



S. Mittal
New York,
USA



C.A. Morillo
Calgary,
Canada



A. Natale
Austin,
USA



E. Núñez Ayala
Santo Domingo,
Dominican Republic



I. Olivotto
Florence,
Italy



B. Olshansky
Iowa City,
USA



O. Oseroff
Buenos Aires,
Argentina



M. Perazzolo Marra
Padua,
Italy



J.P. Piccini
Durham,
USA



T.S. Potpara
Belgrade,
Serbia



E.N. Prystowsky
Indianapolis,
USA



A. Raviele
Venice-Mestre,
Italy



A. Rossillo
Vicenza,
Italy



A.M. Russo
Camden,
USA



S. Saksena
New Brunswick,
USA

Program Committee



P. Sanders
Adelaide,
Australia



P. Santangeli
Philadelphia,
USA



G. Scabro
Venice-Mestre,
Italy



M.M. Scheinman
San Francisco,
USA



L.R. Scott
Phoenix,
USA



S. Sharma
London,
UK



W.K. Shen
Phoenix,
USA



K. Shivkumar
Los Angeles,
USA



H. Sievert
Frankfurt,
Germany



J.P. Singh
Boston,
USA



D.D. Spragg
Baltimore,
USA



W.G. Stevenson
Nashville,
USA



S. Themistoclakis
Venice-Mestre,
Italy



R.H. Tung
Phoenix,
USA



M.P. Turakhia
Stanford,
USA



I.C. van Gelder
Groningen,
The Netherlands



N. Varma
Cleveland,
USA



A. Verma
Toronto,
Canada



P. Vijayaraman
Wilkes Barre,
USA



S. Viskin
Tel Aviv,
Israel



O.M. Wazni
Cleveland,
USA



A.A. Wilde
Amsterdam,
the Netherlands



E.E. Zado
Philadelphia,
USA



W. Zareba
Rochester,
USA



Co-sponsored by:



Under the Patronages of:



Comune
di Venezia



Città
metropolitana
di Venezia



Azienda ULSS 3
Serenissima

Under the auspices of:



AA
Arrhythmia Alliance



AIAC
Associazione Italiana
di Aritmologia e
Cardiostimolazione



AFA
AF Association



ALFA
Alliance to Fight
Atrial Fibrillation



ANMCO
Associazione
Nazionale Medici
Cardiologi Ospedalieri



ARCA
Associazione
Regionale Cardiologi
Ambulatoriali



ECAS
European Cardiac
Arrhythmia Society



ELECTRO SIAC
Sociedad
Interamericana de
Cardiología - Consejo
de Electrocardiografía,
Arritmias y Muerte
Súbita



EURA
EurAsian
Arrhythmology
Association



GIEC
Gruppo Intervento
Emergenze
Cardiologiche



GITIC
Gruppo Italiano
Infermieri di Area
Cardiovascolare



ISHNE
International
Society for Holter
& Noninvasive
Electrocardiology



JHRS
Japanese Heart
Rhythm Society



KOREAN HRS
Korean Heart
Rhythm Society



LA-HRS
Latin American
Heart Rhythm
Society



MENA HRS
Middle East and North
Africa Heart Rhythm
Society



OPI
Ordine delle Professioni
Infermieristiche
di Venezia



SIC SPORT
Società Italiana di
Cardiologia dello Sport



SOBRAC
Sociedade Brasileira de
Arritmias Cardíacas



STARS
Syncope Trust and
Reflex Anoxic Seizures



StopAfib
StopAfib Association



TAIWAN HRS
Taiwan Heart Rhythm
Society



WASA
World Society of
Arrhythmias

Invited Faculty

H. Abe / Kitakyushu, Japan
 O. Ajijola / Los Angeles, USA
 T. Aksu / Istanbul, Turkey
 A. Al Ahmad / Austin, USA
 P. Alboni / Ferrara, Italy
 A. Almorad / Brussels, Belgium
 C. Altomare / Milan, Italy
 C. Amellone / Turin, Italy
 A.S. Amin / Amsterdam, The Netherlands
 J.G. Andrade / Vancouver, Canada
 A. Anic / Split, Croatia
 M. Anselmino / Turin, Italy
 E. Anter / Cleveland, USA
 A. Ardashev / Moscow, Russia
 L. Armaganijan / Sao Paulo, Brazil
 F.W. Biden / Atlantis, Florida, USA
 N. Badhwar / Stanford, USA
 A. Baimbetov / Almaty, Kazakhstan
 A. Baranchuk / Kingston, Canada
 M. Barbierato / Venice-Mestre, Italy
 C. Basso / Padua, Italy
 S. Beheiry / Austin, USA
 D.G. Benditt / Minneapolis, USA
 M. Bertini / Ferrara, Italy
 U. Bigersdotter-Green / San Diego, USA
 J. Bjerre Ejstrup / Copenhagen, Denmark
 C. Blomström-Lundqvist / Uppsala, Sweden
 M.G. Bongiorno / Pisa, Italy
 A. Bonso / Feltre, Italy
 G. Boriani / Modena, Italy
 G. Borio / Vicenza, Italy
 G.L. Botto / Rho, Italy
 J. Brachmann / Coburg, Germany
 M. Brignole / Milan, Italy
 C. Brodt / Palo Alto, USA
 E. Brugin / Noale, Italy
 J.T. Bunch / Salt Lake City, USA
 J.D. Burkhardt / Austin, USA
 H. Burri / Geneva, Switzerland
 L. Calò / Rome, Italy
 R. Cappato / Sesto San Giovanni, Italy
 A. Capucci / Bologna, Italy
 J.N. Catanzaro / Jacksonville, USA
 F.M. Cauti / Rome, Italy
 G. Cavalli / Venice-Mestre, Italy
 P. China / Venice-Mestre, Italy
 L. Chinitz / New York, USA
 G. Cicone / Milan, Italy
 G. Conte / Lugano, Switzerland
 S. Conti / Palermo, Italy
 H.J.G.M. Crijns / Maastricht, The Netherlands
 P.S. Cuculich / St. Louis, USA
 R. Cunneane / Ann Arbor, USA
 A. Curnis / Brescia, Italy
 A. Cutolo / Venice-Mestre, Italy
 I. Cygankiewicz / Lodz, Poland
 A. D'Onofrio / Naples, Italy
 G.M. De Ferrari / Turin, Italy
 P. De Filippo / Bergamo, Italy
 F.J. De Lange / Amsterdam, The Netherlands
 R. De Ponti / Varese, Italy
 T. Deering / Atlanta, USA

I. Deisenhofer / Munich, Germany
 D.B. DeLurgio / Atlanta, USA
 G. Dell'Era / Novara, Italy
 D.G. Della Rocca / Austin, USA
 A. Dello Russo / Ancona, Italy
 M. Delmar / New York, USA
 D. DeLurgio / Atlanta, USA
 L. Di Biase / New York, USA
 A. Di Cori / Lucca, Italy
 G. Di Gioia / Bergamo, Italy
 G. Di Pasquale / Bologna, Italy
 E. Donnellan / New Orleans, USA
 F. Duru / Zurich, Switzerland
 J.R. Edgerton / Dallas, USA
 I. Efimov / Chicago, USA
 A. Elliott / Adelaide, Australia
 A. Enriquez / Kingston, Canada
 A.E. Epstein / Philadelphia, USA
 C. Ermis / Antalya, Turkey
 G. Fassini / Milan, Italy
 A. Fedorowski / Stockholm, Sweden
 G.B. Forleo / Milan, Italy
 B. Freedman / Sydney, Australia
 F.C. Garcia / Philadelphia, USA
 F. Giada / Noale, Italy
 C. Gianni / Austin, USA
 D. Goncharik / Minsk, Belarus
 R. Gopinathannair / Overland Park, USA
 G. Grassi / Venice, Italy
 C. Grasso / Venice-Mestre, Italy
 M. Grimaldi / Acquaviva delle Fonti, Italy
 M.M. Gulizia / Catania, Italy
 D. Hachul / Sao Paulo, Brazil
 J.K. Han / Los Angeles, USA
 G. Harris / Greenville, USA
 R.N.W. Hauer / Utrecht, The Netherlands
 K.G. Häusler / Würzburg, Germany
 M.T. Hills / Decatur, USA
 M. Hocini / Bordeaux, France
 R. Horton / Austin, USA
 P.M. Hranitsky / Raleigh, USA
 W. Huang / Wenzhou, China
 J.L. Hurwitz / Dallas, USA
 T. Ikeda / Tokyo, Japan
 C.W. Israel / Frankfurt, Germany
 C. James / Baltimore, USA
 M. Jastrzebski / Krakow, Poland
 W. Jung / Villingen-Schwenningen, Germany
 K. Kaczmarek / Lodz, Poland
 K. Kadhim / Adelaide, Australia
 M.H. Kanj / Cleveland, USA
 B. Kim / Orange, USA
 P. Kirchhof / Hamburg, Germany
 B.P. Knight / Chicago, USA
 A.D. Krahn / Vancouver, Canada
 K.H. Kuck / Hamburg, Germany
 D.J. Lakkireddy / Kansas City, USA
 M. Landolina / Crema, Italy
 C. Lavalle / Rome, Italy
 T. Lewalter / Munich, Germany
 C. Lim / New Orleans, USA
 D. Linz / Maastricht, The Netherlands

Invited Faculty

T. Lobban / Stratford-upon-Avon, UK
 E.T. Locati / Milan, Italy
 C.J. Love / Baltimore, USA
 M. Lunati / Milan, Italy
 A. Lupo / Mirano, Italy
 J.M. Mandrola / Louisville, USA
 D. Mangino / Venice-Mestre, Italy
 R. Mantovan / Conegliano Veneto, Italy
 F.E. Marchlinski / Philadelphia, USA
 M.S. Maron / Boston, USA
 M.F. Marquez Murillo / Mexico City, Mexico
 E. Marras / Venice-Mestre, Italy
 G. Mascia / Genova, Italy
 A. Mazzanti / Pavia, Italy
 T. Mela / Boston, USA
 M.E. Middeldorp / Los Angeles, USA
 S. Mittal / New York, USA
 L. Molina / Mexico City, Mexico
 M. Moltrasio / Milan, Italy
 A. Moretta / Sarasota, USA
 C.A. Morillo / Calgary, Canada
 J.D. Moss / San Francisco, USA
 S. Mountantonakis / New York, USA
 F. Musumeci / Rome, Italy
 A. Natale / Austin, USA
 P. Neuzil / Prague, Czech Republic
 E. Núñez Ayala / Santo Domingo, Dominican Republic
 I. Olivotto / Florence, Italy
 B. Olshansky / Iowa City, USA
 O. Oseroff / Buenos Aires, Argentina
 J.C. Pachón Mateos / Sao Paulo, Brazil
 D.L. Packer / Rochester, USA
 R. Passman / Chicago, USA
 D.H. Pauža / Kaunas, Lithuania
 J. Payne / Charleston, USA
 M. Perazzolo Marra / Padua, Italy
 G.B. Perego / Milan, Italy
 S.S. Po / Oklahoma City, USA
 P.G. Postema / Amsterdam, The Netherlands
 S.G. Priori / Pavia, Italy
 M. Proietti / Milan, Italy
 E.N. Prystowsky / Indianapolis, USA
 L. Quinto / Venice-Mestre, Italy
 S.R. Raj / Calgary, Canada
 A. Raviele / Venice-Mestre, Italy
 B. Reissman / Hamburg, Germany
 E. Righetto / Verona, Italy
 M. Rillo / Taranto, Italy
 A.C. Rinaldi / London, UK
 F. Ronco / Venice-Mestre, Italy
 A. Rossillo / Vicenza, Italy
 R. Rosso / Tel Aviv, Israel
 A.M. Russo / Camden, USA
 E. Saad / Rio de Janeiro, Brazil
 L. Sacilotto / Sao Paulo, Brazil
 S. Saksena / New Brunswick, USA
 W.I. Saliba / Cleveland, USA
 N. Samniah / Haifa, Israel
 P. Sanders / Adelaide, Australia
 P. Santangeli / Philadelphia, USA
 L. Santini / Rome, Italy
 G. Scaboro / Venice-Mestre, Italy

M. Scanavacca / Sao Paulo, Brazil
 P.J. Schwartz / Milan, Italy
 L.R. Scott / Phoenix, USA
 L. Segreti / Pisa, Italy
 F. E. Shamoun / Phoenix, USA
 P. Sharma / Chicago, USA
 S. Sharma / London, UK
 R.S. Sheldon / Calgary, Canada
 K. Shivkumar / Los Angeles, USA
 H. Sievert / Frankfurt, Germany
 R. Snowdon / Liverpool, UK
 A. Somenzi / Milan, Italy
 D.D. Spragg / Baltimore, USA
 C. Starck / Berlin, Germany
 S. Stavarakis / Oklahoma City, USA
 W.G. Stevenson / Nashville, USA
 R. Sutton / Monte Carlo, Principality of Monaco
 J.H. Svendsen / Copenhagen, Denmark
 H. Tandri / Baltimore, USA
 V. Tazky / Trnava, Slovak Republic
 S. Themistoclakis / Venice-Mestre, Italy
 R.D. Thijs / Leiden, The Netherlands
 J. Tomala / Dresden, Germany
 C. Tondo / Milan, Italy
 N. Trevisi / Rimini, Italy
 M. Tritto / Castellanza, Italy
 D.R. Tschopp / Austin, USA
 R.H. Tung / Phoenix, USA
 M.P. Turakhia / Stanford, USA
 W. Tzou / Aurora, USA
 J.G. van Dijk / Leiden, The Netherlands
 I. van Rossum / Oegstgeest, The Netherlands
 P. van Tintelen / Utrecht, The Netherlands
 R. Verlato / Cittadella, Italy
 A. Verma / Toronto, Canada
 K. Vernooij / Maastricht, The Netherlands
 E. Vester / Düsseldorf, Germany
 P. Vijayaraman / Wilkes Barre, USA
 R. Vio / Venice-Mestre, Italy
 S. Viskin / Tel Aviv, Israel
 R. Vitale / Venice-Mestre, Italy
 O.M. Wazni / Cleveland, USA
 Z.I. Whinnet / London, UK
 A.A. Wilde / Amsterdam, The Netherlands
 A. Yakovlev / Moscow, Russia
 E.E. Zado / Philadelphia, USA
 F. Zanon / Rovigo, Italy
 G. Zanutto / Legnago, Italy
 W. Zareba / Rochester, USA
 M. Zecchin / Trieste, Italy
 T.A. Zelniker / Vienna, Austria
 X.D. Zhang / New York, USA
 G. Zoppellaro / Venice, Italy



General Information

ABSTRACT BOOK

All accepted abstracts (oral communications and posters) will be published on JAFIB – Journal of Atrial Fibrillation.

AGE POLICY / CHILD CARE

Due to liability restrictions, no one under the age of 12, including infants and toddlers, will be allowed to attend the Workshop or to enter the exhibition spaces at any time. If you are interested in securing childcare during the Workshop please speak with the concierge of your hotel for local childcare references.

ALLIED PROFESSIONALS SESSIONS

Three sessions on clinical and managing aspects of nursing in arrhythmology will be held on October 15th, 2022 in Borges Room. The program will be available at www.venicearrhythmias.org or can be asked to the Organizing Secretariat.

APP VA2022

VA 2022 is the innovative mobile app of VeniceArrhythmias that makes quick and easy to keep you up-to-date on the international workshop. You will have the chance to access the general info about the event and its location, select the scientific sessions and create your personal agenda, view real-time presentations, locate exhibitors, consult the entire scientific program including abstracts.

BADGE INFORMATION / LOST BADGES

Badges are nominative, not transferable and cannot be lent to anyone during VeniceArrhythmias 2022. All participants are kindly requested to wear their badge throughout their permanence at the Congress Venue. Delegates, presenters and Faculty badges allows the entrance to all scientific sessions (limited to seat availability), to the exhibition spaces and to all other activities open to individual participants. The Exhibitors badge allows for the entrance to the exhibition and service spaces.

Please consider your badge as a valuable ticket. In case of loss, the full registration fee will be charged.

NO BADGE = NO ENTRY

BANKING

Bank services are available at the airport and throughout the city, around Piazza San Marco. Banks are generally open weekdays from 8.30 to 13.30 and 1 hour during the afternoon. Venice is well supplied with ATM, most of which accept the major credit cards; furthermore, money can be changed at the airport Marco Polo, at the railway station Santa Lucia, in currency exchange kiosks and hotels. The monetary unit in Italy is Euro (€).

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be e-mailed after the congress by the Organizing Secretariat.

CHANGES IN PROGRAM / ERRATUM

For scientific and/or technical reasons the Scientific Program Committee, the Organizing Committee and the Secretariat reserve the right to make any change in the Workshop program. The program in the VA2022 app will be updated daily.

CLOAKROOM / LUGGAGE STORAGE

A free-of-charge cloakroom / luggage storage is available in Arazzi Room.
Opening hours:
October 13th, 08.30-19.00
October 14th, 08.30-19.00
October 15th, 08.30-14.00

CME (Continuing Medical Education) credits**Accreditation for physicians**

CME ID 4695 - 340622

CME CREDITS: No. 14,7

The National Commission for Continuing Education of the Italian Ministry of Health has assigned VeniceArrhythmias 2022 with 14,7 CME credits for the full congress for the following disciplinary areas: Cardiology, Cardiac Surgery, Emergency and First Aid Service, General (Family Doctors) Medicine, Geriatrics, Pediatrics, Internal Medicine, Neurology and Sport Medicine. The attendance of the 90% (19 hours) of the total accredited hours (21 hours) is mandatory for CME accreditation as well as correctly answer the learning questionnaire.

The credits will be available for all Italian MDs - please refer to the Secretariat Desk. Credits will be listed in the CME attendance certificate issued after the end of the Workshop.

Accreditation for allied professionals

CME ID 4695 - 363870

CME CREDITS: No. 4

The congress has been given 4 credits for Allied Professional and for Technicians of medical radiology who will attend the sessions taking place on October 15th. The following conditions are mandatory for CME accreditation:

- attendance throughout the Workshop of at least 3,40 hours (on a total of 4 hours).
 - fill-in the CME questionnaire during the congress and deliver it at the Secretariat Desk before leaving the Congress
- The credits will be available for Italian nurses and for the Technicians of medical radiology. Please refer to the Secretariat Desk.



CONGRESS ORGANIZING SECRETARIAT**Before and after the Meeting:**

Via Sassonia, 30 - 47922 Rimini - Italy
Phone +39.0541.305833
Fax +39.0541.305894
e-mail: scientific@venicearrhythmias.org

During the Meeting:**(October 13th-15th, 2022)****Adria Congrex at Fondazione Giorgio Cini**

Isola di San Giorgio Maggiore - 30124 Venice - Italy
Phone: See VeniceArrhythmias 2022 Staff List
The Organizing Secretariat will be located in Arazzi Room. Staff members are available at the Organizing Secretariat Desk to assist you with any inquiry you may have. Staff members are also available throughout the Fondazione Giorgio Cini and can be identified by their badges "staff".

**CREDIT CARDS**

Major credit cards are accepted in hotels, restaurants and shops. Should you like to pay with credit card for a boat taxi, please inform the driver immediately when you step in.

DISABILITIES

The Fondazione Giorgio Cini allows access to people with disabilities and people on wheelchairs taking into consideration that there are gravel roads and small ramps in the open spaces. An accompanying person is advisable. Please ask the Organizing Secretariat for more information and the location of accessible spaces.

DISCLOSURE OF RELATIONSHIP POLICY

Faculty members and abstract presenters are requested to display a slide at the beginning of their presentation containing disclosure information of relationship with the "Industry". Such relationships include, but are not limited to: member of the board of directors, advisory board, or speakers' bureau; participants in industry sponsored research; recipient of a research grant; employee; investor or a consultant. Invited speakers have agreed that their presentations will be objective, that they will provide a balance view of diagnostic and therapeutic options, and that discussion of any off-label or investigational use of commercial product will be disclosed to the audience.

ELECTRICITY

Electricity supplied is 220V/50Hz and power sockets are of different types.

EXHIBITION SPACES

Several international companies are present and dislocated in different areas of the Congress Venue. Plan to visit the exhibitors who will showcase the newest and most innovative products available to health care professionals working in cardiac electrophysiology and arrhythmia devices.

HOTEL & LOGISTICS

The Organizing Secretariat will be pleased to assist you in booking your room in Venice. Please kindly send your request (number and type of rooms, arrival and departure date, hotel category) to booking@venicearrhythmias.org and you will receive a customized and detailed estimation of costs.

INFORMATION DESK

The Organizing Secretariat will be available at the information desk to assist you with your questions and meeting needs.

INSURANCE

Responsibility cannot be accepted for personal accidents, loss or damages to private properties belonging to participants and exhibitors.

Participants and exhibitors are advised to make their own arrangements if they deem it necessary.

LOST AND FOUND SERVICE

For any lost and found object and if you need any assistance, please contact the Organizing Secretariat located in Arazzi Room.

NO-SMOKING POLICY

VeniceArrhythmias 2022 is a NO SMOKING workshop; therefore, smoking is not allowed in the meeting rooms, exhibition spaces and restrooms.

Smoking is permitted in the outdoor spaces. Your compliance is appreciated.

OFFICIAL LANGUAGE

The official language of the congress is English. No simultaneous translation will be provided except from the Allied Professionals Sessions taking place on October 15th in Borges Room.

INAUGURAL CEREMONY

Friday October 14th, at 12.00 included in the registration fee. The Workshop will be inaugurated by the Congress Presidents, by Representatives of the Italian and International Scientific Societies and Study Groups that have granted their patronage and other Authorities. Moreover, during the Inaugural Ceremony, the Keynote Speaker Francis W. Biden will be giving the Lecture: "The Future of Global Healthcare".

REGISTRATION DESK AND EXHIBITION OPENING HOURS

October	12 th , 15.00-18.00
October	13 th , 07.30-19.00
October	14 th , 07.30-19.00
October	15 th , 07.30-14.00

#VA2022 ON SOCIAL MEDIA

Live Venice Arrhythmias 2022 on social media! Follow us on Twitter, Facebook and LinkedIn: share your views and photos using the official hashtag #VA2022



ORAL COMMUNICATIONS

The oral communication sessions will be held in different rooms as scheduled in the Scientific Program. The presentation time for oral communications will be approx. 8 minutes followed by 2 minutes for discussion. All presenters are requested to keep to their allotted time and be regularly registered. Presenters must be in the session room at least 10 minutes before the start of the session and must remain there until the end of the session. Presentations will be given in English language only, supported by video projections from PC only.

POSTER SESSIONS

The abstract selected for poster presentations will be displayed daily in Arazzi Room from 09.30 to 17.30. Presenters need to be nearby their posters at the below scheduled times, to explain their research and answer questions. Posters will be grouped by subject and the hours are as follows:

October 13th

Poster Session 1: 10:00 - 17.30

Presenters available: 10:00-10:15
15:30-15:45
17:15-17:30

October 14th

Poster Session 2: 10.00-17.30

Presenters available: 10:00-10:15
15:30-15:45
17:15-17:30

PROJECTION

Only PC data projection is available in every room. All slides must be worded in English only; please copy your work - prepared in Power Point - on a USB Pendrive. The Slide Centre will be available for speakers to preview their slides and to become familiar with the audiovisual equipment. The use of personal laptops in the Workshop rooms is not permitted.

To the attention of MAC Users! If your presentation is on MAC computer, please make sure to convert your presentation in pc-compatible Power Point. If that could not be possible, you can use your MAC computer, but we kindly urge you to bring an adapter and meet the technicians in the Slide Centre with large advance, to be sure that your presentation runs properly or anticipate a back-up solution.

RECORDINGS

The sessions in Canecolo Room will be recorded by the appointed Congress Technical Service. After the meeting, the video of the sessions will be available on our website www.venicearrhythmias.org

REGISTRATION DESK

The registration desk is located in the Arazzi Room. For more details see the section "Opening hours".

REGISTRATION FEES

The registration fee for delegates and presenters (€ 900,00 - VAT included) includes:

- Attendance to all scientific sessions (limited to seats availability)
- Entrance to the exhibition area
- Attendance to the Inaugural Ceremony
- Attendance certificate
- Badge and congress kit
- Attendance certificate and CME certificates (if entitled to)

The registration fee for Allied Professionals (€ 120,00 - Vat included) includes:

- Attendance to scientific sessions (limited to allied professionals sessions)
- Entrance to the exhibition area
- Attendance to the Inaugural Ceremony
- Attendance certificate
- Badge and congress kit

SAFETY RECOMMENDATIONS

Venice is as safe as any other European city and participants are advised to take the usual sensible precautions. All hotels have security facilities for valuables. To make your trip to Venice safer and more enjoyable, please follow three tips:

- Talk to the hotel concierge or hotel security regarding the surrounding neighborhoods and map out your route before you go exploring.
- Never leave money, checks, credit cards, extra room keys, or car keys in your hotel room - take them with you, or leave them in the hotel safety deposit box or your in-room safe.
- Do not leave laptops, cell phones, or any valuables unattended anywhere in the Congress Venue or in the meeting rooms.

The Organizing Secretariat is not responsible for lost or stolen items.

SESSION CAPACITY

VeniceArrhythmias 2022 and the Organizing Secretariat make every attempt to place the sessions that may draw the largest attendance in the largest meeting rooms when possible. As the capacity of some rooms is limited, the possibility of participation to all sessions is not guaranteed.

SHUTTLE SERVICE

A free-of-charge shuttle service will be provided from Riva degli Schiavoni area (Approdo Cornoldi) to the Congress Venue and viceversa with following time schedules:

October 13:	08.00 - 10.00	17.00 - 20.00
October 14:	08.00 - 10.00	17.00 - 20.00
October 15:	08.00 - 10.00	12.00 - 14.00

VENICEARRHYTHMIAS 2022 STAFF LIST

Cristina Cherubini - Project Leader
+39 335.5742968

Alessia Vallicelli / Martina Brescia
Exhibition & Sponsors +39.333.4307875

Margherita Gianni - Scientific Program & Faculty
+39.334.6089659

Silvana Surdo - Registration & Housing
+39.335.5920407

Please take note that these numbers are available for VeniceArrhythmias 2022 from October 12th to 15th included.

WI-FI

Free internet wi-fi will be provided anywhere in the congress venue.

Practical Information



How to arrive in Venice

Please visit www.venicearrhythmias.org for practical and tourists information about Venice.

Visa/international attendee information

In addition to a passport, most international participants will need a Visa. It is advisable to contact the Italian Embassy or Consulate regarding Visa and Health Certificate requirements in your country of residence. The Organizing Secretariat is available to send you a Letter of Invitation for Visa Purposes. The invitation is meant to help participants obtaining a Visa, and is not a commitment on the part of the organizers to provide any financial support. The decision to grant a Visa belongs to the Embassy/Consulate.

Climate and clothing

Venice has a mild and moderate climate. The weather in October might be pleasant during the day, a little bit colder at night. Formal clothing/ attire is requested at the Workshop sessions.

Electricity

Electricity supplied is 220V/50Hz and power sockets are of different types.

No-smoking policy

Venice Arrhythmias 2022 is a NO SMOKING workshop; therefore, smoking is not allowed in the meeting rooms, exhibition spaces and restrooms. Smoking is permitted in the outdoor spaces. Your compliance is appreciated.

Safety recommendations

Venice is as safe as any other European cities and delegates are advised to take the usual sensible precautions. All hotels have security facilities for valuables.

How to reach the congress venue Fondazione Giorgio Cini

FONDAZIONE GIORGIO CINI Isola San Giorgio Maggiore - 30124 Venice - Italy
phone +39 041 5289900 - fax 39 041 5238540 - www.cini.it



The Fondazione Giorgio Cini is located on the Island of San Giorgio Maggiore, right in front of St. Mark's Square, in the heart of Venice.

ACTV public waterbus no. 2 takes you directly to the Island of San Giorgio Maggiore. It is just 1 stop away from San Zaccaria (near St. Mark's Square).
Approximate duration of the journey:
From San Zaccaria: 3 minutes
From Tronchetto: 25 minutes
From Piazzale Roma: 35 minutes
From Santa Lucia Railway station: 45 minutes

From Marco Polo Airport:

Venice has a modern airport situated in the mainland at Venice-Tessera. You may choose among the following transportation options:

- ATVO Line no. 35: bus service to Piazzale Roma, 20 minute-journey, one-way ticket € 9,50
- Alilaguna service: blue and red motor boat lines to San Marco Square,

60 minute journey,
one way ticket €15,00

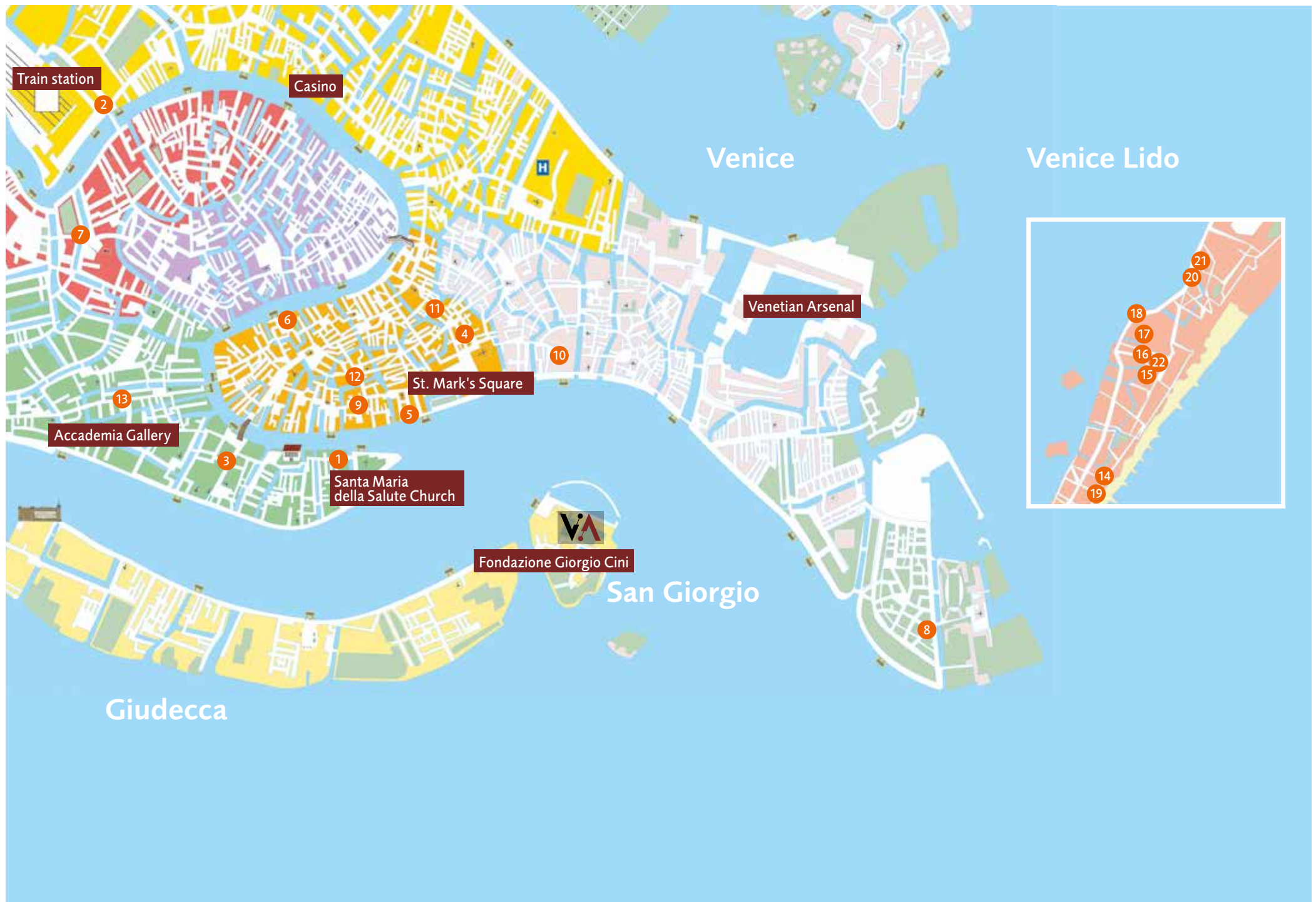
- private water taxi to your hotel, 45-minute journey, € 110,00 one way

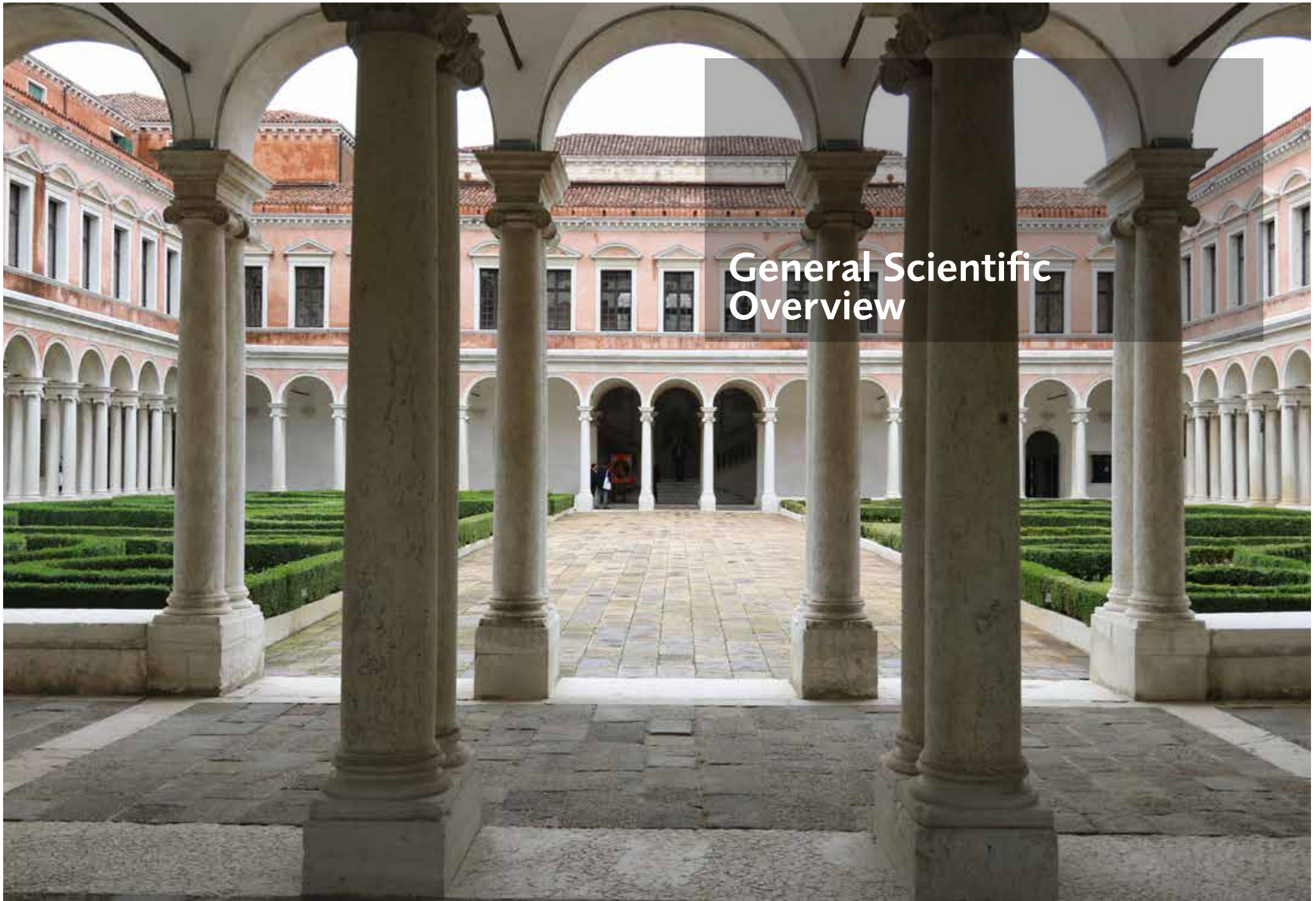
From Venice Santa Lucia Railway Station:

Venice has two railway stations: Venice-Mestre and Venice Santa Lucia. From Venice Santa Lucia station you can use the ACTV waterbuses that offer different transportation schedules all day long. Private taxis are available at the main exit of the station.

From A4 Motorway exit:

Follow the indications to Venice parking areas of Tronchetto and/or Piazzale Roma where you can find a variety of parking lots. From there, you can reach San Marco Square by waterbus no. 2.





FEATURED SYMPOSIA

Featured symposia on AF

Lifestyle and factor risk modification in the management of AF
October 13 - Cenacolo Room

Program Chairs:
Dominik Linz / Maastricht, The Netherlands
Prashanthan Sanders / Adelaide, Australia

- Lifestyle components: the underutilized targets in AF management

How to approach atrial fibrillation in different metabolic and systemic disorders
October 13 - Capriate Room

Program Chairs:
Michele M. Gulizia / Catania, Italy
Jonathan P. Piccini / Durham, USA

- How to approach atrial fibrillation in different metabolic and systemic disorders

Atrial fibrillation management: clinical aspects and dilemmas
October 13 - Cenacolo Room

Program Chairs:
Antonio Raviele / Venice-Mestre, Italy
Isabelle C. van Gelder / Groningen, The Netherlands

- AF guidelines into clinical practice
- Screening: yes or no? And is it AF or comorbidities that determine risks?

AF screening: where are we and where are we going
October 13 - Cenacolo Room

Program Chairs:
Ben Freedman / Sidney, Australia
Minang P. Turakhia / Stanford, USA

- AF screening: where are we and where are we going?

Arrhythmias and brain
October 14 - Capriate Room

Program Chairs:
Shin Ann Chen / Taipei, Taiwan
Karl-Georg Häusler / Würzburg, Germany

- The relevance of AF for cognition

Antithrombotic therapy for cardiac arrhythmias: a reappraisal
October 14 - Cenacolo Room

Program Chairs:
Dhraj Gupta / Liverpool, UK
Tatjana S. Potpara / Belgrade, Serbia

- Antithrombotic therapy for cardiac arrhythmias in the catheter laboratory: a reappraisal
- Antithrombotic therapy for cardiac arrhythmias in the clinic: a reappraisal

Ongoing trials in PFA
October 14 - Cenacolo Room

Program Chair:
Andrea Natale / Austin, USA

- PFA: from the theory to the practice - Ongoing clinical trials and live in box

Innovative technologies and approaches for atrial fibrillation ablation
October 15 - Cenacolo Room

Program Chairs:
Andrea Natale / Austin, USA
Oussama M. Wazni / Cleveland, USA

- Point by point AF ablation: evolving technologies
- Plan of action in AF ablation

AF ablation in HF patients with preserved, mid and reduced EF: first-line or last chance?
October 14 - Capriate Room

Program Chairs:
Karl-Heinz Kuck / Hamburg, Germany
Sanjeev Saksena / New Brunswick, USA

- AF ablation in HF patients with preserved, mid and reduced EF: first-line or last chance?

All about LAA device closure: who, why, and how
October 15 - Cenacolo Room

Program Chairs:
Dhanunjaya R. Lakkireddy / Kansas City, USA
Horst Sievert / Frankfurt, Germany

- All about LAA device closure: who, why, and how

Featured symposia on syncope

Syncope 2022: which progress in diagnosis and treatment?
October 13 - Photographs Room

Program Chairs:
David G. Benditt / Minneapolis, USA
Brian Olshansky / Iowa City, USA

- Update on syncope etiology and pathophysiology
- Update on syncope evaluation
- Update on specific conditions
- Update on syncope therapy

Featured symposia on cardiac neuromodulation

Cardiac neuromodulation: state of the art and future perspectives
October 14 - Photographs Room
October 15 - Capriate Room

Program Chairs:
Tolga Aksu / Istanbul, Turkey
Carlos A. Morillo / Calgary, Canada

- Ablation of nervous system for atrial fibrillation: cardioneuromodulation
- Ablation of intrinsic cardiac nervous system for bradyarrhythmias: cardioneuroablation

Featured symposia on cardiac pacing

Cardiac pacing: old and new topics
October 14 - Photographs Room

Program Chairs:
Andrew E. Epstein / Philadelphia, USA
Andrea M. Russo / Camden, USA

- Cardiac pacing: old and new topics

CRT, new drugs, new devices, ... and new ideas in the battle against HF October 14 - Photographs Room

Program Chairs:

Michael R. Gold / Charleston, USA
Jagmeet P. Singh / Boston, USA

- CRT, new drugs, new therapies, new devices.... and new ideas in the battle against HF

His-Purkinje conduction system pacing: value and limitations October 14 - Photographs Room

Program Chairs:

Haran Burri / Geneva, Switzerland
Pugazhendhi Vijayaraman / Wilkes Barre, USA

- His-Purkinje conduction system pacing: value and limitations

Lead extraction and device infection: what is new in 2022? October 15 - Photographs Room

Program Chairs:

Maria Grazia Bongiorno / Pisa, Italy
Charles Kennergren / Gothenburg, Sweden

- Lead extraction and device infection: what is new in 2022? #1
- Lead extraction and device infection: what is new in 2022? #2

Featured symposia on arrhythmogenic hereditary syndromes

Arrhythmogenic hereditary syndromes: controversial aspects October 13 - Cipressi Room

Program Chairs:

Sami Viskin / Tel Aviv, Israel
Arthur A. Wilde / Amsterdam, the Netherlands

- The role of risk calculators in predicting arrhythmias in inherited arrhythmia syndromes
- New and emerging arrhythmic syndromes

New developments in arrhythmogenic cardiomyopathy October 13 - Cipressi Room

Program Chair:

Richard N.W. Hauer / Utrecht, The Netherlands

- New developments in arrhythmogenic cardiomyopathy

Featured symposia on ventricular arrhythmias

Premature ventricular contractions: when to worry and how to treat October 14 - Cipressi Room

Program Chairs:

Antonio Raviele / Venice-Mestre, Italy
Sakis Themistoclakis / Venice-Mestre, Italy

- Premature ventricular contractions: when to worry and how to treat

PVCs in different clinical settings: clinical significance and treatment October 15 - Cipressi Room

Program Chairs:

William G. Stevenson / Nashville, USA
Roderick H. Tung / Chicago, USA

- The evolution of catheter ablation for ventricular arrhythmia in structural heart disease
- Ablation for challenging ventricular arrhythmias

VT ablation 2022: hot topics October 15 - Cipressi Room

Program Chairs:

Francis E. Marchlinski / Philadelphia, USA
Kalyanam Shivkumar / Los Angeles, USA

- Ventricular arrhythmia management in nonischemic cardiomyopathy

Neuromodulation for the treatment of VT October 14 - Photographs Room

Program Chair:

Pasquale Santangeli / Philadelphia, USA

- Neuromodulation for the treatment of VT

Featured symposia on ICD

ICD controversial indications: Implant, don't implant, or even remove October 13 - Borges Room

Program Chairs:

Rakesh Gopinathannair / Overland Park, USA
Suneet Mittal / New York, USA

- ICD controversial indications: implant, don't implant, or even remove

What type of ICD: wearable vs SQ vs TV, single vs dual, CRT vs not, October 13 - Borges Room

Program Chairs:

Werner Jung / Freiburg, Germany
Wojciech Zareba / Rochester, USA

- What type of ICD: wearable vs SQ vs TV, single vs dual, CRT vs not?

Living with an ICD: work, sports, driving, and sex October 13 - Borges Room

Program Chairs:

Oussama M. Wazni / Cleveland, USA
Wojciech Zareba / Rochester, USA

- Living with an ICD: work, sports, driving, and sex

SYMPOSIA

Digital health for screening, diagnosis, and monitoring of cardiac arrhythmias: what's the evidence

October 15 - Capriate Room

Program Chairs:

Chanh Lim / New Orleans, USA
Niraj Varma / Cleveland, USA

- Digital health for screening, diagnosis, and monitoring of cardiac arrhythmias: what's the evidence

Ongoing RCTs for cardiac arrhythmias: how will they impact clinical practice?

October 14 - Cipressi Room

Program Chairs:

Paulus Kirchhof / Birmingham, UK
Atul Verma / Toronto, Canada

- Ongoing clinical trials in cardiac arrhythmias: how will they impact clinical practice?

Sudden death risk stratification and prevention in different clinical settings

October 13 - Cipressi Room

Program Chairs:

Giuseppe Boriani / Modena, Italy
Eric N. Prystowsky / Indianapolis, USA

- Sudden death risk stratification and prevention in different clinical settings

Sudden cardiac death and sport: how to solve an old dilemma

October 13 - Cipressi Room

Program Chairs:

Franco Giada / Noale, Italy
Sanjay Sharma / London, UK

- Sudden cardiac death and sport: how to solve an old dilemma

CORE CURRICULA

Cardiac imaging in the evaluation of cardiac arrhythmias

October 13 - Borges Room

Program Chairs:

Chiara Bucciarelli Ducci / London, UK
Martina Perazzolo Marra / Padua, Italy

- Cardiac imaging in the evaluation of cardiac arrhythmias

Arrhythmias and hypertrophic cardiomyopathy: old and new issues

October 13 - Borges Room

Program Chairs:

Barry J. Maron / Boston, USA
Iacopo Olivetto / Florence, Italy

- New clinical perspectives and progress in hypertrophic cardiomyopathy

How to approach cardiac arrhythmias in young subjects and patient with congenital heart disease

October 13 - Cenacolo Room

Program Chairs:

David J. Burkhardt / Austin, USA
Roberto De Ponti / Varese, Italy

- How to approach cardiac arrhythmias in young subjects and patients with congenital heart disease

How to approach cardiac arrhythmias in women

October 13 - Cenacolo Room

Program Chairs:

Carina Blomström-Lundqvist / Uppsala, Sweden
Janet K. Han / Los Angeles, USA

- How to approach cardiac arrhythmias in women

PRACTICAL SESSIONS

Hands on practical sessions: challenging cases we all can learn from

October 13 - Cenacolo Room

Program Chairs:

Luigi Di Biase / New York, USA
Antonio Rossillo / Vicenza, Italy

- The clinical case from which I learned the most... Part 1
- The clinical case from which I learned the most... Part 2

EP live cases

October 13 - Cenacolo Room

Program Chairs:

Pasquale Santangeli / Philadelphia, USA
Sakis Themistoclakis / Venice-Mestre, Italy

- AF ablation
- LAA closure
- VT ablation

How to approach cardiac arrhythmias in old subjects

October 14 - Cenacolo Room

Program Chairs:

Hugh G. Calkins / Baltimore, USA
Luis R. Scott / Phoenix, USA
Win Kuang Shen / Phoenix, USA
David D. Spragg / Baltimore, USA

- A case-based discussion of arrhythmia management in elderly patients

Difficult SVT ablation: tips and tricks

October 13 - Cenacolo Room

Program Chairs:

Bradley P. Knight / Chicago, USA
Melvin M. Scheinman / San Francisco, USA

- Difficult SVT ablation: tips and tricks

The value of standard ECG in cardiac arrhythmias

October 13 - Cipressi Room

October 13 - Photographs Room

Program Chairs:

Adrian Baranchuck / Kingston, Canada
Paolo China / Venice-Mestre, Italy

- Electrocardiology of inherited arrhythmia disorders
- Electrocardiology and premature ventricular contractions

ALLIED PROFESSIONALS SESSIONS

October 15 - Borges Room

Program Chairs:

Salwa Beheiry / Austin, USA
Cecilia Grasso / Venice-Mestre, Italy
Greta Scabro / Venice-Mestre, Italy
Erica E. Zado / Philadelphia, USA

- The role of Allied Professional today
- Inside the EP Lab
- Hot topics 2022

INTERNATIONAL SCIENTIFIC SOCIETIES VA JOINT SESSIONS

AA-VA Joint Session October 14 - Capriate Room

Program Chair:
Trudie Lobban / Stratford-upon-Avon, UK

- AF: detect, protect, correct

ECAS-VA Joint Session October 14 - Cipressi Room

Program Chair:
Riccardo Cappato / Sesto San Giovanni, Italy

- Inherited arrhythmia syndromes: an update

Electro SIAC-VA Joint Session October 14 - Borges Room

Program Chair:
Manlio F. Marquez Murillo / Mexico City, Mexico

- Updates for the electrophysiologist: from cell to bedside

EURA -VA Joint Session October 14 - Borges Room

Program Chairs:
Andrey Ardashev / Moscow, Russia
Igor Efimov / Chicago, USA

- New developments in the field of electrical stimulation

HRS-VA Joint Session October 14 - Capriate Room

Program Chair:
Fred Kusumoto / Jacksonville, USA

- AF in 2022: a paradigm shift in care?

ISHNE - VA Joint Session October 14 - Borges Room

Program Chair:
Takanori Ikeda / Tokyo, Japan

- How to reduce the risk of VT/VF and SCD in ICD patients?

LAHRS-VA Joint Session October 14 - Borges Room

Program Chair:
Marcio Figueiredo / Sao Paulo, Brazil

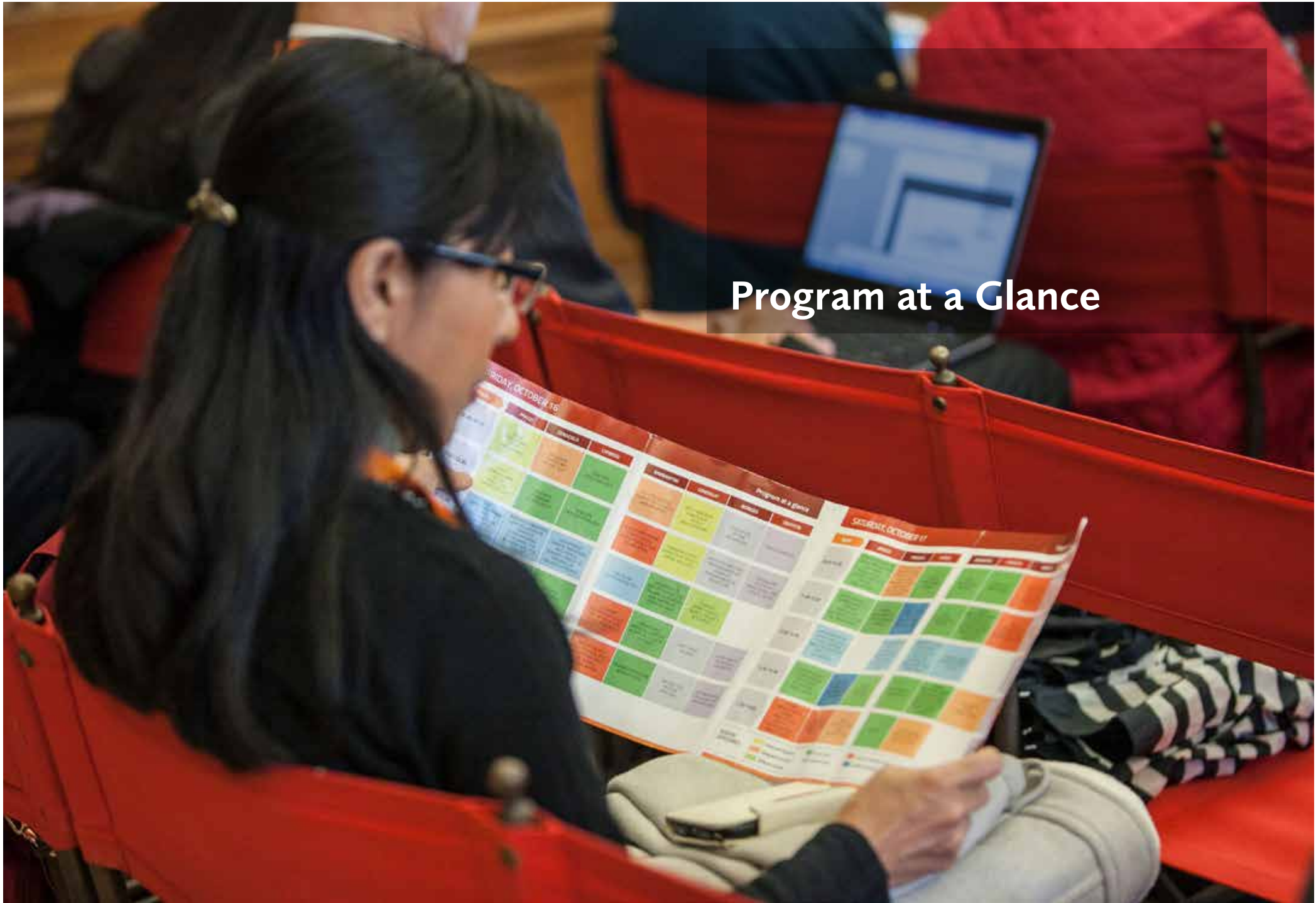
- Topic on modern EP: A Latin-American perspective for a global health problem

WSA-VA Joint Session October 14 - Borges Room

Program Chair:
Oscar Oseroff / Buenos Aires, Argentina

- Cardiac arrhythmias 2022 focus on





Program at a Glance

Thursday October 13, 2022

Time	Cenacolo	Cipressi	Photographs
8,30 10,00	How to approach atrial fibrillation in different metabolic and systemic disorders	Sudden cardiac death and sport: how to solve an old dilemma	Update on syncope etiology and pathophysiology
	Stop and go		Stop and go
10,15 11,45	Lifestyle components: the underutilized targets in AF management	Sudden death risk stratification and prevention in different clinical settings	Update on syncope evaluation
12,00 13,30	Live Session on Atrial Fibrillation from Dell'Angelo Hospital, Venice-Mestre, Italy and St. David's Medical Center, Austin, USA		
14,00 15,30	AF guidelines into clinical practice	Electrocardiology of inherited arrhythmia disorders	EP Arena: my hardest case where HD Mapping & "True EGM" make the difference
	Stop and go		Stop and go
15,45 17,15	Screening: yes or no? And is it AF or comorbidities that determine risks?	The role of risk calculators in predicting arrhythmias in inherited arrhythmia syndromes	Update on specific conditions
	Stop and go		Stop and go
17,30 19,00	AF screening: where are we and where are we going?	New and emerging arrhythmic syndromes	Update on syncope therapy

Thursday October 13, 2022

Borges	Capriate	White	Time
Cardiac imaging in the evaluation of cardiac arrhythmias	How to approach cardiac arrhythmias in young subjects and patients with congenital heart disease	BIOTRONIK International Fellows Program NO CME	8,30 10,00
New clinical perspectives and progress in hypertrophic cardiomyopathy	How to approach cardiac arrhythmias in women	BIOTRONIK International Fellows Program NO CME	10,15 11,45
Oral Communications Supraventricular arrhythmias: clinical evaluation and ablation therapy	Oral Communications Atrial fibrillation management: clinical aspects and dilemmas		12,00 13,30
ICD controversial indications: implant, don't implant, or even remove	A case-based discussion of arrhythmia management in elderly patients	BIOTRONIK International Fellows Program NO CME	14,00 15,30
What type of ICD: wearable vs SQ vs TV, single vs dual, CRT vs not?	Difficult SVT ablation: tips and tricks	BIOTRONIK International Fellows Program NO CME	15,45 17,15
Living with an ICD: work, sports, driving, and sex	The clinical case from which I learned the most... Part 1		17,30 19,00

Featured Symposia	Practical Sessions	Int. Scientific Societies-VA Joint Sessions	Oral Communications
Core Curricula	Symposia	Allied Professionals	No CME Accreditation

Friday October 14, 2022

Time	Cenacolo	Cipressi	Photographs
8,30 10,00	Antithrombotic therapy for cardiac arrhythmias in the clinic: a reappraisal	Inherited arrhythmia syndromes: an update	Cardiac pacing: old and new topics
	Stop and go		Stop and go
10,15 11,45		New developments in arrhythmogenic cardiomyopathy	Neuromodulation for the treatment of VT
	Stop and go		Stop and go
12,00 13,30	INAUGURAL CEREMONY AWARD CEREMONY	Luncheon Panel New perspectives in cardiac stimulation: MRI VDD single lead and his-bundle pacing	J&J Biosense Webster Evolving trends in catheter ablation NO CME
	Award Ceremony		Stop and go
14,00 15,30	Antithrombotic therapy for cardiac arrhythmias in the catheter laboratory: a reappraisal	Worsening Heart failure predictor: from theory to HeathInsight	CRT, new drugs, new therapies, new devices.... and new ideas in the battle against HF
	Stop and go		Stop and go
15,45 17,15	EP Live Session on Ventricular Tachycardia	Electrocardiology and premature ventricular contractions	His-Purkinje conduction system pacing: value and limitations
	Stop and go		Stop and go
17,30 19,00	Pulsed Field Ablation: from the theory to the practice - Ongoing clinical trials and live in box	Premature ventricular contractions: when to worry and how to treat	Ablation of intrinsic cardiac nervous system for bradyarrhythmias: cardioneuroablation

Friday October 14, 2022

Borges	Capriate	White	Time
How to reduce the risk of VT/ VF and SCD in ICD patients?	The clinical case from which I learned the most... Part 2	BIOTRONIK International Fellows Program NO CME	8,30 10,00
Cardiac arrhythmias 2022 focus on	AF: detect, protect, correct	BIOTRONIK International Fellows Program NO CME	10,15 11,45
			12,00 13,30
Updates for the electrophysiologist: from cell to bedside	AF in 2022: a paradigm shift in care?	BIOTRONIK International Fellows Program NO CME	14,00 15,30
Topics on modern EP: A Latin-American perspective for a global health problem	The relevance of AF for cognition	BIOTRONIK International Fellows Program NO CME	15,45 17,15
New developments in the field of electrical stimulation	AF ablation in HF patients with preserved, mid and reduced EF: first-line or last chance?	BIOTRONIK International Fellows Program NO CME	17,30 19,00

Featured Symposia	Practical Sessions	Int. Scientific Societies-VA Joint Sessions	Oral Communications
Core Curricula	Symposia	Allied Professionals	No CME Accreditation

Saturday October 15, 2022

Time	Cenacolo	Cipressi	Photographs
8,30 10,00	Point by point AF ablation: evolving technologies	The evolution of catheter ablation for ventricular arrhythmia in structural heart disease	Lead extraction and device infection: what is new in 2022? #1
	Stop and go		Stop and go
10,15 11,45	Plan of action in AF ablation	Ablation for challenging ventricular arrhythmias	Lead extraction and device infection: what is new in 2022? #2
	Stop and go		Stop and go
12,00 13,30	All about LAA device closure: who, why, and how	Ventricular arrhythmia management in nonischemic cardiomyopathy	Oral Communications Ventricular arrhythmias: risk stratification, clinical aspects, therapy
	Stop and go		

Saturday October 15, 2022

Borges	Capriate	White	Time
The rule of allied professional today	Ablation of nervous system for atrial fibrillation: cardioneuromodulation	Oral Communications Antithrombotic therapy to prevent stroke in AF	8,30 10,00
Inside the EP lab	Digital health for screening, diagnosis, and monitoring of cardiac arrhythmias: what's the evidence	Oral Communications VVS, heart block, HP conduction system pacing	10,15 11,45
Hot topics 2022	Ongoing clinical trials in cardiac arrhythmias - How will they impact clinical practice?	Oral Communications Cardiac pacing, CRT, and cardioneuroablation	12,00 13,30

Featured Symposia	Int. Scientific Societies-VA Joint Sessions	Oral Communications	Practical Sessions
Core Curricula	Symposia	Allied Professionals	



Detailed Scientific Program Thursday 13 october

Thursday 13 October 08.30-10.00

Cenacolo Room

Featured Symposium

HOW TO APPROACH ATRIAL FIBRILLATION IN DIFFERENT METABOLIC AND SYSTEMIC DISORDERS

Chairs: **P. Sanders** / Adelaide, Australia -
L. Santini / Rome, Italy

- Metabolic syndrome and AF: What we know and what we don't
A. Capucci / Bologna, Italy
- Obesity and AF progression
P. Sanders / Adelaide, Australia
- Sodium-glucose co-transporter 2 inhibitors & AF
T.A. Zelniker / Vienna, Austria
- Role of bariatric surgery in preventing AF
E. Donnellan / New Orleans, USA

Cipressi Room

Symposium

SUDDEN CARDIAC DEATH AND SPORT: HOW TO SOLVE AN OLD DILEMMA

Chairs: **F. Giada** / Noale, Italy -
S. Sharma / London, UK

- SCD in athletes really unexpected or preventable?
R. Vio / Venice-Mestre, Italy
- Which cardiovascular screening in post Covid-19 athletes?
E. Brugin / Noale, Italy
- Syncope in athletes: how to differentiate benign from life-threatening conditions
S. Viskin / Tel Aviv, Israel
- Can athletes with ICD play sports?
Yes: **B. Olshansky** / Iowa City, USA
No: **L. Santini** / Rome, Italy

Photographs Room

Featured Symposium

UPDATE ON SYNCOPE ETIOLOGY AND PATHOPHYSIOLOGY

Chairs: **D.G. Benditt** / Minneapolis, USA -
B. Olshansky / Iowa City, USA

- Introductory remarks:
D.G. Benditt / Minneapolis, USA -
B. Olshansky / Iowa City, USA
- Influence of ageing on hemodynamics of VVS
I. van Rossum / Oegstgeest, The Netherlands
- Endocrine aspects of vasovagal syncope
R. Sutton / Monte Carlo, Principality of Monaco
- Role of the low adenosine phenotype in susceptibility to unexplained syncope: an update
A. Fedorowski / Stockholm, Sweden
- Classification and physiology of orthostatic syncope
C. Ermis / Antalya, Turkey

Borges Room

Core Curriculum

CARDIAC IMAGING IN THE EVALUATION OF CARDIAC ARRHYTHMIAS

Chairs: **M.S. Maron** / Boston, USA -
M. Perazzolo Marra / Padua, Italy

- Applications of CMR in EP
M. Perazzolo Marra / Padua, Italy
- Arrhythmias risk stratification by CMR
M.S. Maron / Boston, USA
- Real-time MRI guided ablations (iCMR)
J. Tomala / Dresden, Germany
- CMR in patients with legacy and MRI conditional devices
M. Zecchin / Trieste, Italy

Capriate Room

Practical Session

HOW TO APPROACH CARDIAC ARRHYTHMIAS IN YOUNG SUBJECTS AND PATIENTS WITH CONGENITAL HEART DISEASE

Chairs: **J.D. Burkhardt** / Austin, USA -
R. De Ponti / Varese, Italy

- Alternative access approaches for ablation in congenital heart disease
A. Al Ahmad / Austin, USA
- A case of trans-hepatic access for absence of IVC for atrial fibrillation ablation
A. Al Ahmad / Austin, USA
- Trans-septal access in patients with ASD occlusion devices or previous surgical repair
L. Quinto / Venice-Mestre, Italy
- Feasibility of endocardial pacemaker implantation in patients with Fontan circulation
P. De Filippo / Bergamo, Italy

Thursday 13 October 10.15-11.45

Cenacolo Room

Featured Symposium

LIFESTYLE COMPONENTS: THE UNDERUTILIZED TARGETS IN AF MANAGEMENT?

Chairs: **D. Linz** / Maastricht, The Netherlands -
P. Sanders / Adelaide, Australia

- Sleep and night-shifts
K. Kadhim / Adelaide, Australia
- Exercise and physical activity
A. Elliott / Adelaide, Australia
- Alcohol and smoking
M. Middeldorp / Los Angeles, USA
- Diet and weight loss
M. Middeldorp / Los Angeles, USA

Cipressi Room

Symposium

SUDDEN DEATH RISK STRATIFICATION AND PREVENTION IN DIFFERENT CLINICAL SETTINGS

Chairs: **M. Landolina** / Crema, Italy -
T. Deering / Atlanta, USA

- LQTS
S.G. Priori / Pavia, Italy
- Mitral valve prolapse
E.N. Prystowsky / Indianapolis, USA
- Sarcoid
W. Tzou / Aurora, USA
- Non ischemic cardiomyopathy
G. Boriani / Modena, Italy

Photographs Room

Featured Symposium

UPDATE ON SYNCOPE EVALUATION

Chairs: **P. Alboni** / Ferrara, Italy -
R.S. Sheldon / Calgary, Canada

- Diagnosing the patient with syncope: revealing a true blind spot in medicine?
F.J. De Lange / Amsterdam, The Netherlands
- Applying ESC syncope guidelines in the ED: success and difficulties
R.D. Thijs / Leiden, The Netherlands
- Next steps in monitoring systems for diagnosis and follow-up of syncope
D.G. Benditt / Minneapolis, USA
- Can artificial intelligence play a role in diagnosing the cause of syncope/collapse?
B. Olshansky / Iowa City, USA

Borges Room**Core Curriculum****NEW CLINICAL PERSPECTIVES
AND PROGRESS IN HYPERTROPHIC
CARDIOMYOPATHY**

Chairs: **J. Brachmann** / Coburg, Germany -
H.J.G.M. Crijns / Maastricht, The Netherlands

- Risk stratification and prevention of sudden death
M.S. Maron / Boston, USA
- Novel drug therapy on the horizon
I. Olivetto / Florence, Italy
- Status of VT ablation
A. Dello Russo / Ancona, Italy
- HCM as a low mortality/morbidity contemporary and treatable disease
M.S. Maron / Boston, USA

Capriate Room**Core Curriculum****HOW TO APPROACH CARDIAC
ARRHYTHMIAS IN WOMEN**

Chairs: **C. Blomstrom-Lundqvist** / Uppsala, Sweden -
J.K. Han / Los Angeles, USA

- Gender inequalities - a reality in modern prevention and treatment of arrhythmias
I. Deisenhofer / Munich, Germany
- Impact of female sex on clinical presentation and ablation outcomes: insights from the CIRCA-DOSE Study
J. Andrade / Vancouver, Canada
- Sex differences in catheter ablation of idiopathic ventricular arrhythmias and ventricular arrhythmias associated with structural heart disease
A.M. Russo / Camden, USA
- Sex differences in prevention of sudden death
A. Cutolo / Venice-Mestre, Italy

Thursday 13 October**12.00-13.30****Cenacolo Room****Practical Session****EP Live Session**

from Dell'Angelo Hospital, Venice-Mestre, Italy and St. David's Medical Center, Austin, USA
Chairs: **D. Mangino** / Venice-Mestre, Italy -
K. Kuck / Hamburg, Germany

AF ABLATION WITH PFA

1st case

A. Natale / Austin, USA -**S. Themistoclakis** / Venice-Mestre, Italy

2nd case

G.J. Gallinghouse / Austin, USA**LAA CLOSURE**

3rd case

M. Barbierato / Venice-Mestre, Italy -**F. Ronco** / Venice-Mestre, Italy

Discussants:

D.J. Lakkireddy / Kansas City, USA -**C. Tondo** / Milan, Italy -**F. Musumeci** / Rome, Italy**Borges Room****Oral Communications****SUPRAVENTRICULAR ARRHYTHMIAS:
CLINICAL EVALUATION AND ABLATION
THERAPY**

Chairs: **N. Badhwar** / Stanford, USA -
R. Verlato / Cittadella, Italy

- Prevalence and clinical significance of arrhythmias during labor in patients with structurally normal hearts
N. Sharma, K. Coleman, R. Ma, D. Gurciullo, T. Bimal, U. Ansari, Y. Liu, R. Hentz, S. Mountantonakis.
New York, USA
- Incremental value of maximum voltage and activation-guided ablation for cavotricuspid isthmus-dependent atrial flutter
A. Crocamo, M.F. Notarangelo, M. Fioravanti, G. Gonzi, R. Sciarroni, R. Vrenozaj, A. Dinatale, G. Niccoli, D. Ardissino.
Parma, Italy
- Pitfalls in lateral accessory pathway ablation: the importance to recognize mitral isthmus conduction block during redo procedures
A. Dinatale, M.F. Notarangelo, A. Crocamo, G. Gonzi, M. Fioravanti, G. Niccoli, D. Ardissino
Parma, Italy
- Neurosingular machines: predictive monitoring and management of cardiovascular risks
Y. Kaganovich, S. Kirillov, A. Kirillov
Tel Aviv, Israel
- Right atrium and AF in hemodialysis patients, relationship with cardiac echo and fibroblast growth factor (FGF-23)
O.V. Likhachev-Mishchenko, N.A. Kornienko, A.A. Kornienko, D.V. Ushenko, L.A. Khaisheva, S.V. Shlyk
Rostov-on-Don, Russia
- High-intensity exercise leads to pro-arrhythmic electrophysiological remodelling of the pulmonary vein-left atrial appendage junction
L. Soattin, G. Forte, D. Lagomarsino-Oneto, N. Black, M. McKie, M. Smith, M.R. Boyett, G.M. Morris, A. D'Souza
Manchester, UK
- Spatial entropy in patients undergoing af catheter ablation for a further characterization of left atrium substrate
L. Gigli, M. Sartore, M. Baroni, M. Carbonaro, C. Ciampi, F. Leidi, M. Fortuna, S. Vargiu, G. Colombo, M. Varrrenti, M. Paolucci, R. Sassi
Milan, Italy
- Non-fluoroscopic approach in cryoballoon ablation of the atrial fibrillation: one-year follow-up
O.V. Sapelnikov, D.F. Ardu, V.S. Kostin, D.I. Cherkashin, I.R. Grishin, R.S. Akchurin
Moscow, Russia
- Right mini-thoracotomy surgical cox-maze (left atrial lesion) vs catheter ablation using contact force-sensing technology in patients with persistent atrial fibrillation
G. D'Ambrosio, S. Raffa, S. Romano, O. Alotzman, G. Borisov, I. Karam, K. Thomas, J. C. Geller
Bad Berka, Germany

Capriate Room**Oral Communications****ATRIAL FIBRILLATION MANAGEMENT: CLINICAL ASPECTS AND DILEMMAS**Chairs: **G. Borio** / Vicenza, Italy -**E. Saad** / Rio de Janeiro, Brazil

- Patient Characteristics of a Newly Created Allied Health Led Telemedicine Atrial Fibrillation Clinic
A.K. Watkins, J.D. Champion
Austin, USA
- Coronary sinus morphology in patients with supraventricular arrhythmias
P. Sabbatani, C. Corzani, C. Corsi
Cesena, Italy
- Influence of digoxin in arrhythmias occurring in patients with atrial fibrillation
J. Vijay, A. Bahl, H. Gupta, N. Dahiya
Chandigarh, India
- Arch plasty of left atrium for moderate dilatation of left atrium: is it necessary?
V.V. Popov Volodymyr, V. Ivashchenko, K. Pukas
Kyiv, Ukraine
- The optimized clinical workflow for pulmonary vein isolation with the radiofrequency balloon
A. Almorad, G.B. Chierchia, L. Pannone, T. Guimaraes Osorio, A. Sorgente, A. Bisignani, G. Bala, I. Overeinder, E. Ströker, P. Brugada, J. Sieira, C. de Asmundis
Brussels, Belgium
- Recurrent Atrial Fibrillation in the immediate postoperative period of pulmonary veins treated by Cryo-Balloon Catheter Ablation for Paroxysmal Atrial Fibrillation.
J.M. Paylos, C. Ferrero, Y. Hessein, E. Mejía, R. López, L. Azcona, L. Lacal, C.M. Cilleros, A.R. Jaber, J. Recio, V.G. Tello, J.J. Oñoro.
Madrid, Spain

- ST Segment Elevation during Cryo-Balloon catheter ablation of the pulmonary veins in patients treated for Atrial Fibrillation. Analysis of its possible causes, incidences and how to proceed.
J.M. Paylos, C. Ferrero, Y. Hessein, E. Mejía, R. López, L. Azcona, L. Lacal, C.M. Cilleros, A.R. Jaber, J. Recio.
Madrid, Spain
- Outcomes of persistent atrial fibrillation ablation methods during long term follow up period
A. Baimbetov, A. Jukenova, K. Bizhanov, Zh. Tursunkhanov, N. Bigeldiyev, I. Yakupova
Almaty, Kazakhstan
- Fluoroless ganglionated plexi ablation in a pediatric patient with a pacemaker
M.E. Gruber, J.M. Clark, B.E. Tilton
Canton, USA

**Thursday 13 October
14.00-15.30****Cenacolo Room****Featured Symposium****AF GUIDELINES INTO CLINICAL PRACTICE**Chairs: **R. Cappato** / Sesto San Giovanni, Italy -
C. Blomström-Lundqvist / Uppsala, Sweden

- Acute intervention or wait and see for recent onset atrial fibrillation
H.J.G.M. Crijns / Maastricht, The Netherlands
- What do the guidelines say?
R. Cappato / Sesto San Giovanni, Italy
- How to implement risk factor control into clinical practice
P. Sanders / Adelaide, Australia
- What do the guidelines say?
C. Blomström-Lundqvist / Uppsala, Sweden

Cipressi Room**Practical Session****ELECTROCARDIOLOGY OF INHERITED ARRHYTHMIA DISORDERS**Chairs: **E.T. Locati** / Milan, Italy -
R. Verlato / Cittadella, Italy

- What's the role of surface ECG for the diagnosis and management of inherited arrhythmia disorders?
A.D. Krahn / Vancouver, Canada
- Catecholaminergic polymorphic ventricular tachycardia, what are the hints of the ECG?
A. Mazzanti / Pavia, Italy
- An overview of the ECG of all long QT subtypes
P.G. Postema / Amsterdam, The Netherlands
- Read the Brugada ECG as a champion
A. Baranchuk / Kingston, Canada

Photographs Room**Featured Symposium****EP ARENA: MY HARDEST CASE WHERE HD MAPPING & "TRUE EGM" MAKE THE DIFFERENCE**Chairs: **M. Rillo** / Taranto, Italy -
A. Rossillo / Vicenza, Italy

- Introduction
- Supraventricular Tachycardia
M. Bertini / Ferrara, Italy
- Atrial Fibrillation
L. Quinto / Venice-Mestre, Italy
- Atrial Fibrillation
C. Amellone / Turin, Italy
- Complex Atrial Arrhythmia
M. Moltrasio / Milan, Italy
- Complex Atrial Arrhythmia
A. Di Cori / Lucca, Italy
- Ventricular Tachycardia
S. Conti / Palermo, Italy
- Ventricular Tachycardia
N. Trevisi / Rimini, Italy
- Voting & Conclusions



Borges Room

Featured Symposium

ICD CONTROVERSIAL INDICATIONS: IMPLANT, DON'T IMPLANT, OR EVEN REMOVE

Chairs: **R. Gopinathannair** / Overland Park, USA - **S. Mittal** / New York, USA

- ICD implantation for primary prevention in nonischemic cardiomyopathy and LVEF<35%: Where are we in 2022?
R. Mantovan / Conegliano Veneto, Italy
- ICD implantation for sustained VT, polymorphic VT and VF in the immediate post-MI period, with or without revascularization. Does the 48-hour rule matter?
A.M. Russo / Camden, USA
- ICDs in inherited arrhythmias - LQTS, Brugada, CPVT, and hypertrophic cardiomyopathy. What are the knowledge gaps?
A.A. Wilde / Amsterdam, The Netherlands
- CRT-D vs CRT-P implantation in suspected severe LV dysfunction from dyssynchrony and pacing induced cardiomyopathy? What's the evidence?
J. Catanzaro / Jacksonville, USA

Capriate Room

Core Curriculum

A CASE-BASED DISCUSSION OF ARRHYTHMIA MANAGEMENT IN ELDERLY PATIENTS

Chairs: **L.R. Scott** / Phoenix, USA - **D.D. Spragg** / Baltimore, USA

- AF Management in the elderly
G.L. Botto / Rho, Italy
- CVA risk reduction in elderly patients with AF
F.E. Shamoun / Scottsdale, USA
- Syncope and falls in the elderly
S.R. Raj / Calgary, Canada
- ICD implantation in the elderly
C.J. Love / Baltimore, USA
- CRT, conduction system pacing and leadless PM: potential applications for the geriatric population
A.E. Epstein / Philadelphia, USA

Thursday 13 October 15.45-17.15

Cenacolo Room

Featured Symposium

SCREENING: YES OR NO? AND IS IT AF OR COMORBIDITIES THAT DETERMINE RISKS?

Chairs: **A. Raviele** / Venice-Mestre, Italy - **J. K. Han** / Los Angeles, USA

- Screening is here to stay
M. Turakhia / Stanford, USA
- Stop - no need to screen
J.H. Svendsen / Copenhagen, Denmark
- Stroke is associated with duration of AF
A. Capucci / Bologna, Italy
- Stroke is due to comorbidities
B. Freedman / Sydney, Australia

Cipressi Room

Featured Symposium

THE ROLE OF RISK CALCULATORS IN PREDICTING ARRHYTHMIAS IN INHERITED ARRHYTHMIA SYNDROMES

Chairs: **S. Viskin** / Tel Aviv, Israel - **A.A. Wilde** / Amsterdam The Netherlands

- Risk calculators in arrhythmogenic cardiomyopathy
R.N.W. Hauer / Utrecht, The Netherlands
- Risk calculators in hypertrophic cardiomyopathy
I. Olivetto / Florence, Italy
- Risk calculators in LQTS and CPVT
A. Mazzanti / Pavia, Italy
- Risk calculators in Brugada syndrome
P.G. Postema / Amsterdam, The Netherlands
- Risk calculators for genetic arrhythmias: how good are they?
P. J. Schwartz / Milan, Italy

Photographs Room

Featured Symposium

UPDATE ON SPECIFIC CONDITIONS

Chair: **B. Olshansky** / Iowa City, USA

- Does COVID target autonomic function more than other viruses?
N. Samniah / Haifa, Israel
- Long haul COVID: Is this a basis for a new POTS/autonomic dysfunction epidemic?
A. Fedorowski / Stockholm, Sweden
- Preventing collapse while minimizing supine hypertension in the elderly: Has there been any progress?
M. Brignole / Milan, Italy
- Guideline recommendations for pacing in syncope with conduction system disease in the absence of documented higher grade block: Is the evidence conclusive?
R.S. Sheldon / Calgary, Canada

Borges Room

Featured Symposium

WHAT TYPE OF ICD: WEARABLE vs SQ vs TV, SINGLE vs DUAL, CRT vs NOT?

Chairs: **J. Brachmann** / Coburg, Germany - **L. Santini** / Rome, Italy

- When to use wearable cardioverter-defibrillator after VEST trial?
R. Vio / Venice-Mestre, Italy
- Whom to propose SQ instead of transvenous ICD?
W. Jung / Villingen-Schwenningen, Germany
- When to choose single vs dual-chamber ICD?
T. Lewalter / Munich, Germany
- Whom to treat with CRT devices?
W. Zareba / Rochester, USA

Capriate Room

Practical Session

DIFFICULT SVT ABLATION: TIPS AND TRICKS

Chairs: **B.P. Knight** / Chicago, USA -
E.N. Prystowsky / Indianapolis, USA

- Ablation of slow-fast AVNRT when typical slow pathway ablation fails
J. D. Burkhardt / Austin, USA
- ECG clues to the presence of unusual or dual accessory pathways
E.N. Prystowsky / Indianapolis, USA
- Ablation of antero-mid septal pathways
J.D. Moss / San Francisco, USA
- Ablation of postero septal epicardial pathways
S.S. Po / Oklahoma City, USA

Thursday 13 October

17.30-19.00

Cenacolo Room

Featured Symposium

AF SCREENING: WHERE ARE WE AND WHERE ARE WE GOING?

Chairs: **B. Freedman** / Sydney, Australia -
M.P. Turakhia / Stanford, USA

- An overview of medical ECG monitoring devices and their results for AF screening in enriched populations
J.H. Svendsen / Copenhagen, Denmark
- Consumer devices for AF detection: the current landscape, gaps, and emerging technologies
M.P. Turakhia / Stanford, USA
- Do we even need an ECG? Smartphone-based AF diagnosis and disease management
D. Linz / Maastricht, Netherlands
- How do we respond if consumers and patients are already doing it?
B. Freedman / Sydney, Australia



Cipressi Room

Featured Symposium

NEW AND EMERGING ARRHYTHMIC SYNDROMES

Chairs: **F. Duru** / Zurich, Switzerland -
R. Rosso / Tel Aviv, Israel

- Arrhythmogenic cardiomyopathy: PKP2 vs. DSP disease
A. Mazzanti / Pavia, Italy
- Ryanodine receptor disease: CPVT vs. CRDS
A.A. Wilde / Amsterdam, The Netherlands
- Dilated cardiomyopathy: Titin vs. FLMN v. LMNA
A.S. Amin / Amsterdam, The Netherlands
- Pseudo Torsade de Pointes vs. True Torsade de Pointes
S. Viskin / Tel Aviv, Israel

Photographs Room

Featured Symposium

UPDATE ON SYNCOPE THERAPY

Chairs: **M. Brignole** / Milan, Italy -
D. Hachul / Sao Paulo, Brazil

- Vascular compression for prevention of reflex syncope and orthostatic hypotension
S.R. Raj / Calgary, Canada
- Drug therapy of VVS: state of the art in 2022
R.S. Sheldon / Calgary, Canada
- Pacing for recurrent VVS: do you agree on class IA recommendation?
H. Abe / Kitakyushu, Japan
- Optimal approach for cardioneural ablation in VVS
T. Aksu / Istanbul, Turkey
- Cardioneuroablation: survival curves for VVS
J.C. Pachón Mateos / Sao Paulo, Brazil
- Closing Remarks:
D.G. Benditt / Minneapolis, USA -
B. Olshansky / Iowa City, USA

Borges Room

Featured Symposium

LIVING WITH AN ICD: WORK, SPORTS, DRIVING, AND SEX

Chairs: **M. Lunati** / Milan, Italy -
E. Vester / Düsseldorf, Germany

- Quality of life and work after defibrillator
W. Zareba / Rochester, USA
- Sport after defibrillator
O.M. Wazni / Cleveland, USA
- Driving following defibrillator implantation
J. Bjerre Ejstrup / Copenhagen, Denmark
- Sex after ICD implantation
I. Cygankiewicz / Lodz, Poland

Capriate Room

Practical Session

THE CLINICAL CASE FROM WHICH I LEARNED THE MOST... Part 1

Chairs: **L. Di Biase** / New York, USA -
A. Rossillo - Vicenza, Italy

- Ablation of complex: AVNRT
A. Verma / Toronto, Canada
Commentator **E.N. Prystowsky** / Indianapolis, USA
- Ablation of decremental accessory pathway
M. Anselmino / Turin, Italy
Commentator **E.N. Prystowsky** / Indianapolis, USA
- Ablation of iatrogenic atypical atrial flutter
A. Zhang / New York, USA
Commentator **A. Natale** / Austin, USA
- Ablation of septal accessory pathway
R. De Ponti / Varese, Italy
Commentator **D.L. Packer** / Rochester, USA



NO CME ACCREDITATION SESSIONS

BIOTRONIK International Fellows Program

Thursday 13 October
08.30-10.50

White Room

- Welcome & Course Objectives
B. Knight / Chicago, USA -
P. Newton / Forest Grove, USA
- Optimizing Physiologic Pacing
P. Sharma / Chicago, USA
- Pacing Maneuvers for SVT
B. Knight / Chicago, USA
- Confirming Physiologic Pacing
A. Moretta / Sarasota, USA
- Clinical Application of Single Lead
Defibrillator Therapy
G. Harris / Greenville, USA
- Substrate Mapping in VT
J. Payne / Charleston, USA

Thursday 13 October
11.20-12.20

White Room

- Lead Extraction: Concepts
& Challenging Cases
U. Bigersdotter-Green / San Diego, USA
- Physiologic Pacing vs CRT
T. Mela / Boston, USA

Thursday 13 October
13.00-14.30

White Room

- Imaging & VT Ablation
P. Santangeli / Philadelphia, USA
- Unknown Tracings
S. Mountantonakis / New York, USA
- Device Troubleshooting:
Techniques & Technology
R. Cunnane / Ann Arbor, USA

Thursday 13 October
14.45-16.00

White Room

- Challenging Device Cases
B. Kim / Orange, USA
- Hybrid AF Ablation
C. Brodt / Palo Alto, USA
- Course Evaluation & Adjourn

Poster Session Arazzi Room

ATRIAL FIBRILLATION MANAGEMENT: CLINICAL ASPECTS AND DILEMMAS

1. Clinical significance of unexplained persistent sinus tachycardia in women with structurally normal heart during the peripartum period
K.M. Coleman, N. Sharma, D. Varrias, R. Ma, D. Gurcillo, T. Bimal, U. Ansari, R. Hentz, S. E. Mountantonakis
New York, USA
2. Ablation of Ectopic Atrial Foci for Successful Management of Symptomatic Bradycardia: A case series
G. Cunn, J. Willner, R. John
New York, USA
3. Accessory pathway activation recorded by the novel Octaray Catheter
J. Steinfurt, L. Trolese, A. Gressler, T.S. Faber, A.S. Jadidi, T. Arentz
Freiburg, Germany
4. Feasibility of open window (OW) mapping approach in accessory pathways (AP) ablation
J.L. Martinez-Sande, L. Gonzalez-Melchor, C. Minguito-Carazo, T. Gonzalez-Ferrero, M. Rodriguez-Manero, J. Garcia-Seara, O. Otero, X.A. Fernandez-Lopez, J.R. Gonzalez-Juanatey
Santiago de Compostela, Spain
5. The role of LA's diameter in revival of sinus rhythm during mitral valve correction: is it important?
V. Popov, V. Boukarim, O. Bolshak, K. Pukas, A. Rudenko
Kyiv, Ukraine
6. The association between hyperuricemia and xanthine oxidase activity with structural changes in the left atrium in male patients with hypertension and atrial fibrillation
T. Barysenka, V. Snezhitskiy, A. Kopytskiy, G. Madekina, E. Chernaja
Grodno, Belarus
7. H2-histamine receptor overexpression increases hyperthermia-induced arrhythmias
J. Neumann, R. Hoffmann, U. Gergs
Halle, Germany
8. Serum uric acid is associated with ventricular myocardial fibrosis in patients with atrial fibrillation and heart failure with preserved ejection fraction
M.S. Dzeshka, A.S. Borisevich, V.A. Snezhitskiy, J.S. Morgis, I.A. Osipova
Grodno, Belarus
9. Association of voltage-defined left atrial remodeling to left ventricular geometry patterns in patients with non-valvular atrial fibrillation
M.S. Dzeshka, T.P. Gizatulina, A.V. Ardashev, G.V. Kolunin, N.E. Shirokov, D.V. Belonogov, L.U. Martyanova, A.V. Mamarina
Grodno, Belarus
10. A new scoring system: pat2c2h score. Its clinical use and comparison with hatch and cha2ds2-vasc scores in predicting arrhythmia recurrence after cryoballoon ablation of paroxysmal atrial fibrillation
S. Cay, M. Kara, F. Ozcan, O. Ozeke, T. Aksu, S. Topaloglu
Ankara, Turkey
11. LV-only CRT pacing: atrial fibrillation incidence is higher in trapezoidal left atrium shape
C. Vacarescu, C.T. Luca, D. Gaita, S. Crisan, E.V. Goanta, M.A. Lazar, D. Cozma
Timisoara, Romania
12. Clinical predictors of treatment adherence in patients with atrial fibrillation
M.S. Dzeshka, A.S. Borisevich, S.L. Boiko
Grodno, Belarus
13. Pulmonary vein isolation with a novel radiofrequency balloon catheter: focus on concomitant parasympathetic modulation objectified by extracardiac vagal stimulation
A. Almorad, G.B. Chierchia, T. Guimaraes Osorio, P.A. Călburean, L. Pannone, A. Sorgente, A. Bisignani, C. de Asmundis
Brussels, Belgium
14. Roof scar correlation with recurrence after a single pulmonary vein isolation procedure: a WAVE-MAP AF sub-study
Z. Starek, A. Di Cori, T.R. Betts, G. Clerici, D. Gras, E. Lyan, P. Della Bella, J. Li, B. Hack, L. Zitella Verbick, P. Sommer
Brno, Czech Republic
15. Exercise-based risk factors associated with time to first recurrence of arrhythmia after catheter ablation of atrial fibrillation
Z. Starek, J. Hejc, F. Lehar, J. Jez, K. Dolezalova, T. Kulik
Brno, Czech Republic
16. Prediction of recurrence of atrial fibrillation after pulmonary vein isolation using vector-cardiography parameters obtained by digital ECG analysis
Z. Čarná, P. Osmančík, R. Smíek, S. Hassouna, P. Jurák, F. Pleinger
Prague, Czech Republic
17. Three-dimensional transesophageal echocardiography is a new method for cardiac imaging
A. Baïmbetov, A. Jukenova, I. Yakupova, K. Bizhanov, N. Bigeldiyev, Z. Tursunkhanov
Almaty, Kazakhstan





Detailed Scientific Program

Friday 14 october

Friday 14 October 08.30-10.00

Cenacolo Room

Featured Symposium

ANTITHROMBOTIC THERAPY FOR CARDIAC ARRHYTHMIAS IN THE CLINIC: A REAPPRAISAL

Chairs: **R. Gopinathannair** / Overland Park, USA -
J. Andrade / Vancouver, Canada

- Stroke prevention strategies for AF detected on screening
G. Boriani / Modena, Italy
- AF stroke prevention following major gastrointestinal or intracranial bleeding
M. Proietti / Milan, Italy
- Oral anticoagulation in elderly multimorbid patients with AF
M. Proietti / Milan, Italy
- Oral anticoagulation and dementia/ cognitive impairment in AF patients
T.S. Potpara / Belgrade, Serbia
- ETNA AF Study: the importance of real world data to support DOAC safety in the clinical practice
G.L. Botto / Rho, Italy

Cipressi Room

ECAS-VA Joint Session

INHERITED ARRHYTHMIA SYNDROMES: AN UPDATE

Chairs:

M.F. Marquez Murillo / Mexico City, Mexico -
A. Raviele / Venice-Mestre, Italy -

- Current status of Brugada syndrome
G. Ciconte / Milan, Italy
- Short Q-T syndrome: diagnosis and therapy
S.G. Priori / Pavia, Italy
- Early repolarization syndrome in 2022
R. Cappato / Sesto San Giovanni, Italy
- Idiopathic VF: an update
G. Conte / Lugano, Switzerland

Photographs Room

Featured Symposium

CARDIAC PACING: OLD AND NEW TOPICS

Chairs: **A.E. Epstein** / Philadelphia, USA -
A.M. Russo / Camden, USA

- Choosing between BiV, His bundle pacing and LBB area pacing
W.J. Huang / Wenzhou, China
- Leadless Pacing: current status and future technology
C. Tondo / Milan, Italy
- Non-transvenous pacing/ICD systems: leadless RV & LV endocardial and extravascular options
J. Catanzaro / Jacksonville, USA
- What's new in safety?
A.D. Krahn / Vancouver, Canada

Friday 14 October 10.15-11.45

Cipressi Room

Featured Symposium

NEW DEVELOPMENTS IN ARRHYTHMOGENIC CARDIOMYOPATHY

Chairs: **F. Duru** / Zurich, Switzerland -
R.N.W. Hauer / Utrecht, The Netherlands

- Arrhythmogenic and structural mechanisms
P.G. Postema / Amsterdam, The Netherlands
- News from the geneticist
P. van Tintelen / Utrecht, The Netherlands
- Diagnostic challenges
C. Basso / Padua, Italy
- Risk stratification
C. James / Baltimore, USA

Photographs Room

Featured Symposium

NEUROMODULATION FOR THE TREATMENT OF VT

Chairs: **G. De Ferrari** / Turin, Italy -
K. Shivkumar / Los Angeles, USA

- Neuromodulation in the treatment of VT: basic and molecular mechanisms
O. Ajijola / Los Angeles, USA
- Neuromodulation in the treatment of VT: clinical outcomes
O. Ajijola / Los Angeles, USA
- What is best for refractory VT following catheter ablation?
Neuromodulation is better:
K. Shivkumar / Los Angeles, USA
- Non invasive therapy is better:
P. Cuculich / St. Louis, USA

Borges Room

ISHNE-VA Joint Session

HOW TO REDUCE THE RISK OF VT/VF AND SCD IN ICD PATIENTS?

Chairs: **I. Cygankiewicz** / Lodz, Poland -
E.T. Locati / Milan, Italy

- Acute pharmacotherapy
T. Ikeda / Tokyo, Japan
- Device therapy
G. Zanotto / Legnago, Italy
- Drug-induced proarrhythmic effects: Role of gender, electrolytes, metabolic conditions, and genotypes
E.T. Locati / Milan, Italy
- Autonomic modulation
K. Kaczmarek / Lodz, Poland

Capriate Room

Practical Session

THE CLINICAL CASE FROM WHICH I LEARNED THE MOST... Part 2

Chairs: **L. Di Biase** / New York, USA -
A. Rossillo - Vicenza, Italy

- Ablation of LV summit VT
W. Tzou / Aurora, USA
Commentator **F.C. Garcia** / Philadelphia, USA
- Ablation of Arrhythmogenic RV cardiomyopathy VT
M. Tritto / Castellanza, Italy
Commentator **F.C. Garcia** / Philadelphia, USA
- Ablation of ischemic VT
J.D. Burkhardt / Austin, USA
Commentator **M. Scanavacca** / Sao Paulo, Brasil
- Ablation of unmappable VT
R.H. Tung / Phoenix, USA
Commentator:
W.G. Stevenson / Nashville, USA

Borges Room**WSA - VA Joint Session****CARDIAC ARRHYTHMIAS 2022****FOCUS ON**Chairs: **D.G. Benditt** / Minneapolis, USA -**O. Oseroff** / Buenos Aires, Argentina

- Hypertension treatment causing syncope and arrhythmias
G.B. Perego / Milan, Italy
- Pacing in VVS now class 1A in guidelines
R. Sutton / Monte Carlo, Principality of Monaco
- Overview of LBB pacing
Z. Whinnett / London, UK
- Chagas disease spreading to North America?
L. Molina / Mexico City, Mexico
- Update on VT ablation
W.G. Stevenson / Nashville, USA

Capriate Room**AA - VA Joint Session****AF: DETECT, PROTECT, CORRECT**Chairs: **B. Freedman** / Sydney, Australia -**C.A. Morillo** / Calgary, Canada

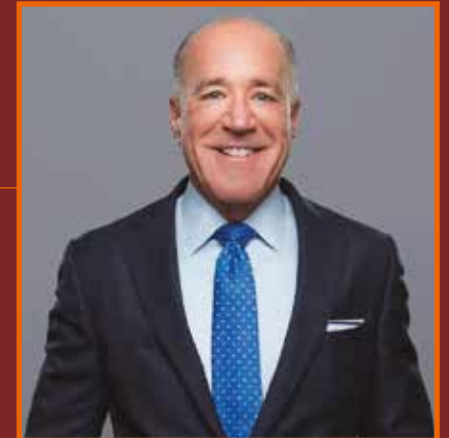
- Detect: Using COVID-19 and flu vaccine clinics as opportunities to detect AF
T. Lobban / Stratford-upon-Avon, UK
- Protect against AF-related strokes: anticoagulation drugs vs LAAO
J.M. Mandrola / Louisville, USA
- Correct the irregular rhythm: should ablation be first line treatment?
J. Andrade / Vancouver, Canada
- Correct the irregular rhythm: how valuable is Integrating Hybrid AF Therapies and LAA exclusion into clinical practice
D.R. Tschopp / Austin, USA

Friday 14 October**12.00-13.30****INAUGURAL CEREMONY**

- Welcome address
- Presidents' address
- Greetings of Political and Administrative Authorities
- Greetings from the International Scientific Societies Representatives
- **LECTURE**
The Future of Global Healthcare
Francis W. Biden / Atlantis, Florida

Awards

- Best Abstract Awards
- Distinguished Scientist Golden Lionel Award
- Distinguished Teacher Golden Lionel Award



Friday 14 October 12.00-13.30

Cipressi Room

Luncheon Panel

NEW PERSPECTIVES IN CARDIAC STIMULATION: MRI VDD SINGLE LEAD, HIS-BUNDLE PACING

Chairs: **A. Curnis** / Brescia, Italy -
V. Tazky / Trnava, Slovak Republik

- Reliability of single-lead VDD pacemaker in Liguria-region elderly patients
G. Mascia / Genova, Italy
- VDD pacing: history and future perspectives
G. Dell'Era / Novara, Italy
- His-bundle pacing: what's new?
F. Zanon / Rovigo, Italy

Friday 14 October 14.00-15.30

Cenacolo Room

Featured Symposium

ANTITHROMBOTIC THERAPY FOR CARDIAC ARRHYTHMIAS IN THE CATHETER LABORATORY: A REAPPRAISAL

Chairs: **N. Badhwar** / Stanford, USA -
R. Cappato / Sesto San Giovanni, Italy

- Antithrombotic therapy post-PCI: can we keep up with the changing evidence base?
M. Barbierato / Venice-Mestre, Italy
- Oral anticoagulation around catheter ablation procedures: uninterrupted, minimally interrupted, or bridging?
R. Cappato / Sesto San Giovanni, Italy
- Periprocedural oral anticoagulation and antiplatelet therapy around cardiac device implantation
R. Snowden / Liverpool, UK
- Reversal agents for DOACs: when and how to use?
G. Di Pasquale / Bologna, Italy

Cipressi Room

Featured Symposium

WORSENING HEART FAILURE PREDICTOR: FROM THEORY TO HEATHINSIGHT

Chairs: **A. Curnis** / Brescia -
A. Raviele / Venice-Mestre

- The SELENE HF Study and its findings
G.L. Botto / Rho, Italy
- The HeathInsight system: how does it work? What possible organizational model?
G. Zanotto / Villafranca, Italy

Photographs Room

Featured Symposium

CRT, NEW DRUGS, NEW THERAPIES, NEW DEVICES...AND NEW IDEAS IN THE BATTLE AGAINST HF

Chair: **A. D'Onofrio** / Naples, Italy -
C. J. Love / Baltimore, USA

- The explosion in options for drug therapy: what's new and what's around the corner?
J.M. Mandrola / Louisville, USA
- Advances in biventricular and conduction pacing: when to choose what?
J.M. Mandrola / Louisville, USA
- Advancing electrical therapies for the narrow QRS HF patient
O. Ajjola / Los Angeles, USA
- Sensors, wearables & AI to manage the future HF patient
M.P. Turakhia / Stanford, USA

Borges Room

ELECTROSIAC-VA Joint Session

UPDATES FOR THE ELECTROPHYSIOLOGIST: FROM CELL TO BEDSIDE

Chairs: **M.F. Marquez Murillo** / Mexico City, Mexico -
E. Núñez Ayala / Santo Domingo, Dominican Republic

- Genetic testing in hereditary sudden cardiac death syndromes
L. Sacilotto / Sao Paulo, Brazil
- Exercise and plakophilin-2 deficiency: the double-hit of arrhythmogenic cardiomyopathy
M. Delmar / New York, USA
- Association of Bayes syndrome and cerebrovascular events
A. Baranchuk / Kingston, Canada
- New detection strategies and technologies to detect asymptomatic atrial fibrillation
L. Molina / Mexico City, Mexico

Capriate Room

HRS-VA Joint Session

AF IN 2022: A PARADIGM SHIFT IN CARE?

Chairs: **J.L. Hurwitz** / Dallas, USA -
D.J. Lakkireddy / Kansas City, USA

- AFFIRM to EAST AFNET4: is rate control now obsolete?
S. Themistoclakis / Venice-Mestre, Italy
- How much ablation is too much
L. Di Biase / New York, USA
- Is there a role for isolated AF surgery in 2022 as first line therapy?
J.R. Edgerton / Dallas, USA
- How should the AF guidelines change? Are they even relevant in this new world of rapidly evolving technology and scientific communication?
A.D. Krahn / Vancouver, Canada

Friday 14 October 15.45-17.15

Cenacolo Room

Practical Session

EP Live Session

on Ventricular Tachycardia

Chairs: **A. Natale** / Austin, USA -

S. Themistoclakis / Venice-Mestre, Italy

VT ABLATION

1st case

P. Santangeli / Philadelphia, USA

2nd case

K. Shivkumar / Los Angeles, USA

Discussants:

J.D. Burkhardt / Austin, USA -

F.C. Garcia / Philadelphia, USA -

K. Shivkumar / Los Angeles, USA -

W.G. Stevenson / Nashville, USA -

W. Tzou / Aurora, USA -

O.M. Wazni / Cleveland, USA

Cipressi Room

Practical Session

ELECTROCARDIOLOGY AND PREMATURE VENTRICULAR CONTRACTIONS

Chairs: **A. Bonso** / Feltre, Italy -

P. China / Venice-Mestre, Italy

- Electrocardiographic localization of PVCs. New algorithm
A. Enriquez / Kingston, Canada
- Electrocardiographic and clinical predictors of reversed ventricular remodeling following PVC ablation.
P. China / Venice-Mestre, Italy
- Tips and tricks on complex PVC ablation
R.H. Tung / Phoenix, USA
- Optimizing cardiac resynchronization in patients with PVCs
S. Mountantonakis / New York, USA

Photographs Room

Featured Symposium

HIS-PURKINJE CONDUCTION SYSTEM PACING: VALUE AND LIMITATIONS

Chairs: **H. Burri** / Geneva, Switzerland -

F. Zanon / Rovigo, Italy

- His bundle pacing vs LBBP: how to choose?
P. Vijayaraman / Wilkes Barre, USA
- Conduction system pacing for CRT: ready for prime time?
K. Vernooy / Maastricht, The Netherlands
- Handling difficult CSP lead implantation
Z. Whinnett / London, UK
- How to confirm conduction system capture
M. Jastrzebski / Krakow, Poland

Borges Room

LA-HRS - VA Joint Session

TOPICS ON MODERN EP: A LATIN- AMERICAN PERSPECTIVE FOR A GLOBAL HEALTH PROBLEM

Chairs: **M.F. Marquez Murillo** / Mexico City,

Mexico - **J.C. Pachón Mateos** / Sao Paulo, Brazil

- Technics for fluoroless AF ablation
E. Saad / Rio de Janeiro, Brazil
- Cardioneuroablation: is it time for clinical practice?
M. Scanavacca / Sao Paulo, Brazil
- Will new AF detection tools have a real impact on care?
M.F. Marquez Murillo / Mexico City, Mexico
- Syncope: What is new in 2022? A Latin-American perspective
D. Hachul / Sao Paulo, Brazil

Capriate Room

Featured Symposium

THE RELEVANCE OF AF FOR COGNITION

Chair: **J. Andrade** / Vancouver, Canada

- The relevance of atrial fibrillation for cognition - introductory lecture
K.G. Häusler / Würzburg, Germany
- The potential of rhythm-maintaining therapy
P. Kirchhof / Hamburg, Germany
- The relevance of oral anticoagulation
J.T. Bunch / Salt Lake City, USA
- The possible potential of anti-inflammatory therapy strategies
R. Horton / Austin, USA

Friday 14 October 17.30-19.00

Cenacolo Room

Featured Symposium

PULSED FIELD ABLATION: FROM THE THEORY TO THE PRACTICE

Ongoing clinical trials and live in box

Chairs: **A. Natale** / Austin, USA -

S. Themistoclakis / Venice-Mestre, Italy

- Farapulse
P. Neuzil / Prague, Czech Republic
- AFFERA
E. Anter / Cleveland, USA
- Pulsed AF trial
A. Natale / Austin, USA
- Varipulse
M. Grimaldi / Acquaviva delle Fonti, Italy

Cipressi Room

Featured Symposium

PREMATURE VENTRICULAR CONTRACTIONS: WHEN TO WORRY AND HOW TO TREAT

Chairs: **G.B. Forleo** / Milan, Italy -

N. Badhwar / Stanford, USA

- PVCs in people with normal heart
K. Shivkumar / Los Angeles, USA
- PVCs in athletes
S. Sharma / London, UK
- PVCs in patients with coronary artery disease
W.G. Stevenson / Nashville, USA
- PVCs in patients with non-ischemic HD
F.E. Marchlinski / Philadelphia, USA

Photographs Room

Featured Symposium

ABLATION OF INTRINSIC CARDIAC NERVOUS SYSTEM FOR BRADYARRHYTHMIAS: CARDIONEUROABLATION

Chairs: **C.A. Morillo** / Calgary, Canada -
J.C. Pachón Mateos / Sao Paulo, Brazil

- Anatomy of the intrinsic cardiac ANS
D.H. Pauža / Kaunas, Lithuania
- Pathophysiological importance of ANS in clinical bradyarrhythmias
D. Linz / Maastricht, The Netherlands
- Mapping methods and techniques for cardioneuroablation
T. Aksu / Istanbul, Turkey
- Clinical results and current indications of cardioneuroablation for bradyarrhythmias
L. Calò / Rome, Italy

Borges Room

EUR-VA Joint Session

NEW DEVELOPMENTS IN THE FIELD OF ELECTRICAL STIMULATION

Chairs: **A. Raviele** / Venice-Mestre, Italy -
A.V. Ardashev / Moscow, Russia

- Spinal cord stimulation - evolving strategy in cardiology. First in Russia developments
A. Yakovlev / Moscow, Russia
- Optimization of ICD's settings after VT ablation in post-MI patients: how? To whom? And when?
D. Goncharik / Minsk, Belarus
- Clinical presentations of complex cases of pacing leads implantations due to congenital malformations
A. Baimbetov / Almaty, Kazakhstan
- Wearable and implantable network for temporary cardiac pacing
I. Efimov / Chicago, USA

Capriate Room

Featured Symposium

AF ABLATION IN HF PATIENTS WITH PRESERVED, MID AND REDUCED EF: FIRST-LINE OR LAST CHANCE?

Chairs: **K.H. Kuck** / Hamburg, Germany -
T. Lewalter / Munich, Germany

- Is ablation first line therapy for symptomatic and asymptomatic patients with persistent AF and HFrEF?
S. Mittal / New York, USA
- HF development in AF patients without impaired systolic function; new insights into pathophysiology and timing of interventions
R. Gopinathannair / Overland Park, USA
- Is there stratification in AF ablation outcomes in HFmEF and HFpEF?
D.J. Lakkireddy / Kansas City, USA
- Non-pharmacologic options in patients with AF and HFpEF: Is this a future direction?
S. Saksena / New Brunswick, USA

NO CME

ACCREDITATION SESSIONS

J&J BIOSENSE WEBSTER

Friday 14 October
12.00-13.00

Photographs Room

EVOLVING TRENDS IN CATHETER ABLATION

Chairs: **G. Fassini** / Milan, Italy

- Balloon technologies: what are the reasons to choose the RF Balloon?
A. Almorad / Brussels, Belgium
- Rf Point by Point for PVI- Is Very High Power Short Duration feasible under mild sedation?
M. Grimaldi / Acquaviva delle Fonti, Italy
- Advanced Left Atrium Imaging and Mapping Techniques
F.C. Garcia / Philadelphia, USA

BIOTRONIK

International Fellows Program

Friday 14 October
08.30-09.45

White Room

- Welcome & Course Objectives
L. DiBiase / New York, USA
P. Newton / Forest Grove, USA
- Wolff-Parkinson-White Syndrome: EP Lab Maneuvers and Catheter Ablation
E. Prystowsky / Indianapolis, USA
- Emerging & Innovative Approaches in AF Ablation
A. Natale / Austin, USA
- Cryo-based Ablation: PVI Only or PVI Plus?
B. Knight / Chicago, USA

Friday 14 October
10.00-12.00

White Room

- Beyond PV Isolation: LAA Electrical Isolation
L. DiBiase / New York, USA
- Approaching Complex Ablations
L. Chinitz / New York, USA
L. DiBiase / New York, USA
B. Knight / Chicago, USA
F. Marchlinski / Philadelphia, USA
A. Natale / Austin, USA
E. Prystowsky / Indianapolis, USA
K. Shivkumar / Los Angeles, USA
R. Tung / Phoenix, USA

Friday 14 October
13.30-15.30

White Room

- A Circulatory Tour of Cardiac Anatomy
K. Shivkumar / Los Angeles, USA
R. Tung / Phoenix, USA

Friday 14 October
15.45-17.15

White Room

- Improving Efficiency of Energy During Catheter Ablation
L. Chinitz / New York, USA
- Conduction System Pacing: Concepts & Cases
P. Sharma / Chicago, USA
- The BIOTRONIK International Fellows Program: Fellows Class of 2022
P. Newton / Forest Grove, USA

Friday 14 October
17.15

White Room

- Course Evaluation & Adjourn

Poster Session Arazzi Room

THE VALUE OF STANDARD ECG IN CARDIAC ARRHYTHMIAS

18. The development of a novel virtual ECG certification program at a large US medical school
S. Landman, A. Sanchez, D. Malkov, T. Cohen
New York, USA
19. Novel mnemonic to assist with arrhythmia and ECG interpretation: officer ryan reynolds always impresses others
S. Landman, A. Sanchez, D. Malkov, T. Cohen
New York, USA
20. Influence of age and body position on paediatric heart rate levels - implications for QT interval assessment in children and adolescents
T. Novotny, I. Andrsava, K. Helanova, K. Hnatkova, J. Parenica, P. Kala, M. Malik
Brno, Czech Republic
21. Differences in QT correction formulas compared to individual corrections - paediatric and adult cardiology experience
I. Andrsava, K. Helanova, K. Hnatkova, T. Novotny, P. Kala, M. Malik.
Brno, Czech Republic
22. Prognosis in patients with new-onset left bundle branch block after implantation of percutaneous aortic prosthesis with implantable loop recorder
T. Bretones-Pino, M. Molina-Lerma, V. Alcalde-Martínez, J. Sánchez-Gila, M. Álvarez, E. Molina-Navarro
Granada, Spain
23. Prevalence and evaluation of ECG changes in hypermobile patients with complaints of syncope or pre-syncope
S. Landman, D. Malkov, L. Tong, B. Riley, T. Cohen
New York, USA
24. Diagnostic value of implantable loop recorders and smart technologies in patients with unexplained syncope and preserved LV systolic function
V. Tazky
Trnava, Slovakia

25. Pretreatment with P2Y12 receptor antagonists in ST elevation myocardial infarction: clinical and angiographic outcomes
A. Antonucci, A. Cutolo, F. Gallo, A. Bellin, G. Cavalli, M. Barbierato, S. Themistoclakis
Venice-Mestre, Italy

CARDIAC PACING: OLD AND NEW TOPICS

26. Changes in coagulation activity of FVII and FXII after permanent pacemaker insertion
I. Yoncheva, D. Biserov, M. Negreva, K. Prodanova
Burgas, Bulgaria
27. Leadless pacemaker implant with concomitant atrioventricular node ablation: experience in a single center study with longterm follow-up.
J.L. Martinez-Sande, L. Gonzalez-Melchor, C. Minguito-Carazo, T. Gonzalez-Ferrero, M. Rodriguez-Manero, J. Garcia-Seara, O. Otero, X.A. Fernandez-Lopez, J.R. Gonzalez-Juanatey
Santiago de Compostela, Spain
28. Right ventricular septal pacing with narrow QRS less than 125ms is beneficial for preventing pacing induced cardiomyopathy
D. Kim, J. Park, S.W. Park
Seoul, Republic of Korea
29. Conduction system pacing as an alternative to biventricular cardiac resynchronization therapy in patients with left ventricular dysfunction and pacing indication due to AV block
M. Pujol-López; R. Jiménez-Arjona; E. Guasch; R. Borràs; A. Doltra; S. Vázquez; I. Roca-Luque; P. Garre; E. Ferró; E. Invers; M. Niebla; E. Carro; J.L. Puente; L. Uribe; C. Garcia-Ribas; M.A. Castel; E. Arbello; M. Sitges; L. Mont; J.M. Tolosana
Barcelona, Spain
30. Protontherapy in patient with cied: a single centre experience
S. Quintarelli, M. Marini, D. Amelio, F. Dionisi, D. Scartoni, F. Guarracini, A. Coser, M. Cianchetti, R. Bonmassari
Trento, Italy

31. Left bundle branch pacing for cardiac resynchronization as technique of choice: a comparative study with biventricular pacing
J. L. Muñoz, A.M. Martínez Ballesta, M.J. Molina Lerma, L. J. Martínez, M. Álvarez López
Granada, Spain
32. Comparative analysis of resynchronization therapy in heart failure patients with ischemic and non-ischemic cardiomyopathy
A. Baimbetov, A. Jukenova, K. Bizhanov, N. Bigeldiyev, Z. Tursunkhanov
Almaty, Kazakhstan
33. Cardiac resynchronization by left bundle branch pacing as the technique of choice: initial experience in a hospital
A.M. Ballesta, J. López, M. Molina, L. Jordán, M. Álvarez
Granada, Spain

VT ABLATION 2022: HOT TOPICS

34. Omnipolar technology mapping of a PVC: when targeting the earliest activation signal is not enough
G. Allocca, F. Bullian, N. Sitta, L. Rivetti, R. Marigh, L. Corò, R. Mantovan
Conegliano, Italy
35. Role of Purkinje in the initiation and maintenance of ventricular fibrillation induced by programmed ventricular pacing. About two cases with Brugada syndrome.
J.J. Sanchez Muñoz
Murcia, Spain
36. The activation pattern of induced ventricular fibrillation in one case of Brugada syndrome. Hypothesis based on 12-lead ECG and right ventricular EGM.
J.J. Sanchez Muñoz
Murcia, Spain
37. Step-wise substrate mapping and ablation with additional ablation line to pulmonary valve in treatment of patients with arrhythmogenic cardiomyopathy (ACM) and recurrent monomorphic VT
D. Goncharik, L. Plaschinskaya, V. Barsukevich, A. Chasnoits, O. Kovalenko, E. Rebeko, O. Podpalova, M. Zacharevsky, N. Mitkovskaya
Minsk, Belarus

38. Comparison of contact force sensing and non-contact force sensing catheters in ischemic cardiomyopathy patients with high ventricular arrhythmia burden
F. Özcan, S. Cay, O. Özeke, M. Kara, A. Korkmatz, T. Aksu, S. Topaloğlu, D. Aras
Ankara, Turkey
39. Impact of catheter ablation vs medical therapy alone in arrhythmic storm: a single-center experience
A. Cutolo, A. Bellin, A. Antonucci, G. Cavalli, P. China, L. Quinto, R. Vitale, S. Themistoclakis
Venice-Mestre, Italy
40. Outcomes of concomitant surgical ablation in patients undergoing surgical myectomy for hypertrophic obstructive cardiomyopathy: a systematic review and meta-analysis
R. K. Kharbanda, N. L. Ramdat Misier, J. Van den Eynde, S. El Mathari, A. Tomšič, M. Palmen, R. J.M. Klautz
Leiden, The Netherlands



Detailed Scientific Program

Saturday 15 october

Saturday 15 October 08.30-10.00

Cenacolo Room

Featured Symposium

POINT BY POINT AF ABLATION: EVOLVING TECHNOLOGIES

Chairs: **W.I. Saliba** / Cleveland, USA -
P. Santangeli / Philadelphia, USA

- One shot or point by point
L. Di Biase / New York, USA
- Catheter ablation with HPSP energy
P. China / Venice-Mestre, Italy
- Contact sensor catheters: New developments
M. Kanj / Cleveland, USA
- Point by point PFA: Galaxy and Acutus
A. Anic / Split, Croatia

Cipressi Room

Featured Symposium

THE EVOLUTION OF CATHETER ABLATION FOR VENTRICULAR ARRHYTHMIA IN STRUCTURAL HEART DISEASE

Chairs: **M. Scanavacca** / Sao Paulo, Brazil -
W.G. Stevenson / Nashville, USA

- Ablation approaches for intramural substrate
D.L. Packer / Rochester, USA
- Left ventricular scar-related VTs
R.H. Tung / Phoenix, USA
- Right ventricular scar-related VTs
H. Tandri / Baltimore, USA
- Stereotactic radioablation
P.S. Cuculich / St. Louis, USA

Photographs Room

Featured Symposium

LEAD EXTRACTION AND DEVICE INFECTION: WHAT IS NEW IN 2022? #1

Chairs: **A.E. Epstein** / Philadelphia, USA -
A. Al Ahmad / Stanford, USA

- What is the present status of risk scores for transvenous lead extraction?
A. Rinaldi / London, UK
- How are the new infection prevention strategies affecting transvenous lead extraction outcomes?
R. Horton / Austin, USA
- Is continued oral anticoagulation safe when performing transvenous lead extraction?
C.J. Love / Baltimore, USA
- Can better/more commonly used imaging modalities improve transvenous lead extraction outcomes?
J.N. Catanzaro / Jacksonville, USA

Capriate Room

Featured Symposium

ABLATION OF NERVOUS SYSTEM FOR ATRIAL FIBRILLATION: CARDIONEUROMODULATION

Chairs: **C.A. Morillo** / Calgary, Canada -
S.S. Po / Oklahoma City, USA

- ANS based explanation of atrial fibrillation
P. Sanders / Adelaide, Australia
- Ganglionated plexus ablation for atrial fibrillation
S. Stavrakis / Oklahoma City, USA
- Vein of Marshall ethanol infusion for atrial fibrillation
M. Hocini / Brussels, Belgium
- Renal denervation for atrial fibrillation
L. Armaganijan / Sao Paulo, Brazil

White Room

Oral Communications

ANTITHROMBOTIC THERAPY TO PREVENT STROKE IN AF

Chairs: **E. Vester** / Dusseldorf, Germany -
F. Ronco / Venice-Mestre, Italy

- Atrial cardiopathy: an aetiology of recurrent stroke
S. Kakarla, A. Rajendran, N. Namboodiri, S. E. Sreedharan
Thiruvananthapuram, India
- Peri-cardioversion thromboembolic potential of very low stroke risk short episodes of paroxysmal atrial fibrillation: insight into the hemostasis
M. Negreva, K. Prodanova
Varna, Bulgaria
- Safety and efficacy of direct oral anticoagulants in patients with atrial fibrillation on concomitant treatment with dronedarone
R. Vio, P. China, E. Marras, A. Cutolo, R. Valle, G. Grassi, S. Sacca', A. Chinellato, S. Themistoclakis
Venice-Mestre, Italy
- Evaluation of left atrial function after thoracoscopic left atrial appendage exclusion in AF patients with absolute contraindication to oral anticoagulation therapy
M. Marini, L. Pannone, F. Tedoldi, S. Branzoli, G. D'Onghia, D. Fanti, E. Sarao, F. Guarracini, S. Quintarelli, A. Coser, A. Graffigna, R. Bonmassari, M. La Meir, C. Monaco, C. de Asmundis
Trento, Italy
- Clinical indication for left atrial appendage occlusion as a predictor for bleeding events. Insights from the LOGIC (Left atrial appendage Occlusion in patients with Gastrointestinal or IntraCranial bleeding) International Multicenter Registry
F. Gallo, F. Ronco, G. D'Amico, D.G. Della Rocca, G. Mazzone, S. Bordignon, G. Casu, F. Giannini, S. Berti, R.P. Horton, G. D'Angelo, L. Urbanek, P. Merella, R. Ruggiero, M.R. Romeo, F. Bosica, B. Schmidt, E. Atzori, M. Barbierato, A. Natale, S. Themistoclakis
Venice-Mestre, Italy
- Resistant left atrial appendage thrombus: time for a new therapeutic tool
A. Sisinni, V. Ribatti, F. De Lio, S. Cellucci, F. Tundo, M. Moltrasio, B. Majocchi, M. Dessanai, F. Pizzamiglio, G. Vettor, R. Sicuso, L. Bianchini, S. Riva, C. Tondo, G.M. Fassini
Milan, Italy
- Crocodile found lost watchman
D. Zimmer, P. Renz, M. Fueller, M. Block
Munich, Germany
- Low incidence of silent cerebral lesions using high power short duration pulmonary vein isolation method even more with higher energy
K. Sonne, M. Cacic, A. Berkovitz, K. Nentwich, E. Ene, G. Simu, C. Munoz Perez, S. Tskhadadze, T. Deneke
Bad Neustadt, Germany

Saturday 15 October 10.15-11.45

Cenacolo Room

Featured Symposium

PLAN OF ACTION IN AF ABLATION

Chairs: **A. Natale** / Austin, USA -
R. Horton / Austin, USA

- Early AF ablation
O.M. Wazni / Cleveland, USA
- Extra PV triggers: How to search and ablate
D.G. Della Rocca / Austin, USA
- Subsequent redo AF ablation
J.C. Andrade / Vancouver, Canada
- Hybrid Convergent approach for Persistent and LSP AF patients: Results of Converge Clinical Trial
D.B. DeLurgio / Atlanta, USA
- Atrial flutter ablation after AF ablation: Impact of high density mapping
R. Vitale / Venice-Mestre, Italy

Cipressi Room

Featured Symposium

ABLATION FOR CHALLENGING VENTRICULAR ARRHYTHMIAS

Chairs: **E. Saad** / Rio De Janeiro, Brazil -
M. Hocini / Bordeaux, France

- LV summit arrhythmias
F.C. Garcia / Philadelphia, USA
- Papillary muscle arrhythmias
J.T. Bunch / Salt Lake City, USA
- The patient with mechanical valves
P. Santangeli / Philadelphia, USA
- Ventricular fibrillation
M. Hocini / Bordeaux, France

Photographs Room

Featured Symposium

LEAD EXTRACTION AND DEVICE INFECTION: WHAT IS NEW IN 2022? #2

Chairs: **M.G. Bongiorno** / Pisa, Italy -
M. Kanj / Cleveland, USA

- How to prevent CIED infections
C. Blomstrom-Lundqvist / Uppsala, Sweden
- Tools and techniques for lead extraction: what is new?
L. Segreti / Pisa, Italy
- How to manage patients with large vegetations
C.T. Starck / Berlin, Germany
- CIED reimplantation in the era of new device
A. Al Ahmad / Austin, USA

Capriate Room

Symposium

DIGITAL HEALTH FOR SCREENING, DIAGNOSIS, AND MONITORING OF CARDIAC ARRHYTHMIAS: WHAT'S THE EVIDENCE

Chairs: **C. Lim** / New Orleans, USA -
R. Passman / Chicago, USA

- Digital health solutions to disrupt traditional arrhythmia care - the patient enabled
R. Passman / Chicago, USA
- The promises of AI: risk stratification, pre-emptive intervention, and increasing the clinical actionability of datastreams
M.P. Turakhia / Stanford, USA
- Validating the potential and overcoming the hurdles in digital health
J.K. Han / Los Angeles, USA
- TeleCheck-AF project: An example of the value of digital/mobile health technologies for remote monitoring and management of AF
D. Linz / Maastricht, The Netherlands

White Room

Oral Communications

VVS, HEART BLOCK, HP CONDUCTION SYSTEM PACING

Chairs: **R. Vio** / Venice-Mestre, Italy -
P. Vijayaraman / Wilkes Barre, USA

- Novel analysis of the pathophysiology of orthostatic hypotension
B. S. Gagaouzova, I. A. van Rossum, F. I. Kerkhof, R. D. Thijs, J. G. Van Dijk Heemstede, The Netherlands
- Effectiveness of CNA in promoting long-term vagal denervation
J.C. Pachón Mateos, E. I. Pachón, T. J. Lobo, M.Z.C. Pachón, J. C. Pachón Mateos, P.T.G. Santillana, C.T.C. Pachón, J.C. Zerpa, C. Higuti, F. Ortencio, R.F. Silva Sao Paulo, Brazil
- Cardioneuroablation as an alternative treatment option for patients with carotid sinus syndrome
J. C. Zerpa, J. C. Pachon M., E. I. Pachon M., C. T. Pachon C., J. Pachon M. T. Lobo, T. Santillana, F. Ortencio, R. Amarante, M. Z. Cunha P. Sao Paulo, Brazil
- Exercise induced complete heart block in a patient with baseline bifascicular block
A. Gorantla, A. Luniewski, R. Ahmed, P. Cwalina, L. Freytes-Santiago, A. Jallad, A. S. Budzikowski New York, USA
- The dark side of normal healing: complete fibrous encasement of a subcutaneous implantable cardioverter defibrillator coil
J.N. Catanzaro, K. Liu, E. Wu Jacksonville, USA
- Long term subjective and objective outcomes of the extracellular matrix bioenvelope microenvironment with the subcutaneous implantable cardiac defibrillator
J. Catanzaro, M. Omar, E. Wu, K. Xiang Jacksonville, USA

- Autocapture algorithm behaviour in left bundle branch pacing: preliminary results
E. Sola-García, M. Molina-Lerma, L. Tercedor, M. Álvarez Granada, Spain
- Left bundle branch pacing with normal paced QRS axis produces more physiological left ventricular lateral wall depolarisation than pacing with axis deviation
O. Süssenbek, P. Jurak, M. Jastrzebski, P. Waldauf, J. Halamek, P. Stros, R. Smisek, L. Znojilova, F. Plesinger, P. Leinveber, I. Viscor, D. Herman, P. Osmancik, K. Curila Prague, Czech Republic

Saturday 15 October 12.00-13.30

Cenacolo Room

Featured Symposium

ALL ABOUT LAA DEVICE CLOSURE: WHO, WHY, AND HOW

Chairs: **G. Grassi** / Venice, Italy -
W.I. Saliba / Cleveland, USA

- Update on large LAA closure trials
D.J. Lakkireddy / Kansas City, USA
- When to close the LAA: before, during or after ablation?
C.W. Israel / Frankfurt, Germany
- Surgical LAA closure: indications and different approaches
D. Mangino / Venice-Mestre, Italy
- Avoiding and managing complications
F. Ronco / Venice-Mestre, Italy
- New LAA closure techniques in the pipeline
H. Sievert / Frankfurt, Germany

Cipressi Room

Featured Symposium

VENTRICULAR ARRHYTHMIA MANAGEMENT IN NONISCHEMIC CARDIOMYOPATHY

Chairs: **K. Shivkumar** / Los Angeles, USA -
J. Payne / Charleston, USA

- Role of genetic testing
A. Mazzanti / Pavia, Italy
- Management of VT storm in NICM
F. M. Cauti / Rome, Italy
- Identifying and ablating midseptal substrate
F.C. Garcia / Philadelphia, USA
- Reversible cardiomyopathy - clues to identify
J.D. Moss / San Francisco, USA

Photographs Room

Oral Communications

VENTRICULAR ARRHYTHMIAS: RISK STRATIFICATION, CLINICAL ASPECTS, THERAPY

Chairs: **W. Tzou** / Aurora, USA -
P. China / Venice-Mestre, Italy

- Changes of sports habits and psychological impact of pharmacologically induced Brugada type 1 pattern in young patients
A. Dinatale, A. Crocamo, M.F. Notarangelo, E. Celseti, G. Gonzi, F. Barocelli, F. Russo, G. Niccoli, D. Ardisino
Parma, Italy
- A new tool for prolonged ECG monitoring in diagnosis of Brugada syndrome
L. Gigli, A. Caccia, C. Ciampi, M. Carbonaro, F. Leidi, S. Vargiu, G. Colombo, M. Varrenti, M. Paolucci, M. Baroni
Milan, Italy
- ILR to refine SCD risk in HCM
C. Andreoli, G. Savarese, F. Fortuni, E. Biscottini, C. Tutarini, E. Quintavalle, M. Scarpignato
Foligno, Italy
- Efficacy and safety of endocardial radiofrequency catheter ablation of interventricular septal hypertrophy in the treatment of hypertrophic obstructive cardiomyopathy, pilot experiences
K. Dolezalová, Z. Stárek, F. Lehar, F. Soušek, J. Je, M. Pel, L. Pinarová
Brno, Czech Republic
- Risk stratification for arrhythmic death in patients with reduced ejection fraction: value of cardiac biomarkers on the long-term.
T. Pezawas, A. L. Burger, S. Stojkovic, A. Diedrich, J. Wojta, S. Demyanets
Vienna, Austria
- Premature ventricular contractions origin and inpatient mortality in patients with acute coronary syndrome
N. Sharma, K. Gaurav, T. Bimal, U. Ansari, J. Kleiman, Y. Liu, K. Coleman, S. Mountantonakis
New York, USA

- Purkinje-myocardium: a relationship beyond triggers in ventricular fibrillation
J.J. Sanchez Muñoz, A. Garcia Alberola
Murcia, Spain

- Cardiac magnetic predictors of ventricular tachycardia recurrence after radiofrequency substrate ablation
L. Quinto, F. Alarcon, P. Sanchez, P. Garre, F. Zaraket, E. Guasch, J.M. Tolosana, S. Prat-Gonzalez, J.T. Ortiz-Perez, A. Berrueto, J. Brugada, M. Sitges, L. Mont, I. Roca-Luque
Barcelona, Spain
- Usefulness of Isochronal Late Activation Map (ILAM) to define the planned target volume during stereotaxic ablation of ventricular tachycardias
R. Vrenozaj, M.F. Notarangelo, A. Crocamo, G. Gonzi, G. Paoli, A. Palumbo, G. Benecchi, M. Maddalo, F. Salaroli, N. Simoni, N. D'Abbiero, D. Ardisino
Parma, Italy

Capriate Room

Symposium

ONGOING CLINICAL TRIALS IN CARDIAC ARRHYTHMIAS - HOW WILL THEY IMPACT CLINICAL PRACTICE?

Chairs: **B. Reissman** / Hamburg, Germany -
O.M. Wazni / Cleveland, USA

- OCEAN trial
A. Verma / Toronto, Canada
- NOAH trial
P. Kirchhof / Hamburg, Germany
- VANISH 2 Trial
W.G. Stevenson / Nashville, USA
- Less VT
A. Natale / Austin, USA

White Room

Oral Communications

CARDIAC PACING, CRT, AND CARDIONEUROABLATION

Chair: **W. Jung** / Villingen-Schwenningen, Germany

- TGFβ1 plasma levels in patients after permanent pacemaker insertion
I. Yoncheva, D. Biserov, M. Negreva, K. Prodanova
Burgas, Bulgaria
- Simultaneous conduction system pacing and av node ablation via axillary vs femoral access
N. Hashimova, A. Mathew, A. Naperkowski, F. Subzposh, P. Vijayaraman
Wilkes-Barre, USA
- Septal flash correction with His-Purkinje pacing predicts echocardiographic response in resynchronization therapy
M. Pujol-López, R. Jiménez-Arjona, E. Guasch, A. Doltra, R. Borrás, I. Roca-Luque, M.A. Castel, P. Garre, E. Ferró, M. Niebla, E. Carro, E. Arbelo, M. Sitges, J.M. Tolosana, L. Mont
Barcelona, Spain
- Relation of atrial fibrillation nests with vagal innervation. Guidance for a successful cardioneuroablation
J.C. Pachón Mateos, E.I. Pachón Mateos, C.T.C. Pachón, T. J. Lobo, T. G. Santillana, J.C. Zepa Acosta, F.A. Ortencio, M.Z. C. Pachón, J.C. Pachón Mateos, R. C. Amarante, R.F. Silva
Sao Paulo, Brazil
- Value of the atropine test to estimate the cardioneuroablation result
J.C. Zepa, J.C. Pachon. M., E. I. Pachon M., C. T. Pachon C., J. Pachon M., T. Lobo, T. Santillana, F. Ortencio. R. Amarante, M. Z. Cunha
Sao Paulo, Brazil



Saturday 15 October 08.30-10.00

Borges Room Allied Professionals Session THE ROLE OF ALLIED PROFESSIONAL TODAY

Chairs: **C. Gianni** / Austin, USA -
G. Zoppellaro / Venice, Italy

Opening remarks:

S. Beheiry / Austin USA -
C. Grasso / Venice-Mestre, Italy -
G. Scabro / Venice-Mestre, Italy

ILR: Are the nurses ready to perform this
implantation?

E. Righetto / Verona, Italy

Post ablation follow-up and the importance of
risk factor management. Is this a job for nurse?

C. Gianni / Austin, USA

Management of oral anticoagulation before,
during and after in the EP procedures

C. Altomare / Milan, Italy

Remote monitoring: getting the best with the
patient outside the hospital

G. Scabro / Venice-Mestre, Italy

Saturday 15 October 10.15-11.45

Borges Room Allied Professionals Session INSIDE THE EP LAB

Chair: **C. Grasso** / Venice-Mestre, Italy

New technologies for AF ablation
G. Cavalli / Venice-Mestre, Italy

Ablation TV: only for unstable patients?
E.E. Zado / Philadelphia, USA

Recognition and management of early and
late post-procedure complications of complex
ablations

G. Di Gioia / Bergamo, Italy

Procedures in EP lab: guidelines, organization
and quality of nursing care

In USA: **S. Beheiry** / Austin USA

In Italy: **A. Somenzi** / Milan, Italy

Saturday 15 October 12.00-13.30

Borges Room Allied Professionals Session HOT TOPICS 2022

Chairs: **S. Beheiry** / Austin, USA -
R. Vitale / Venice-Mestre, Italy

His bundle pacing: indications and
implantation technique

E. Marras / Venice-Mestre, Italy

Subcutaneous ICD: patient selection and
implantation techniques

A. Lupo / Mirano, Italy

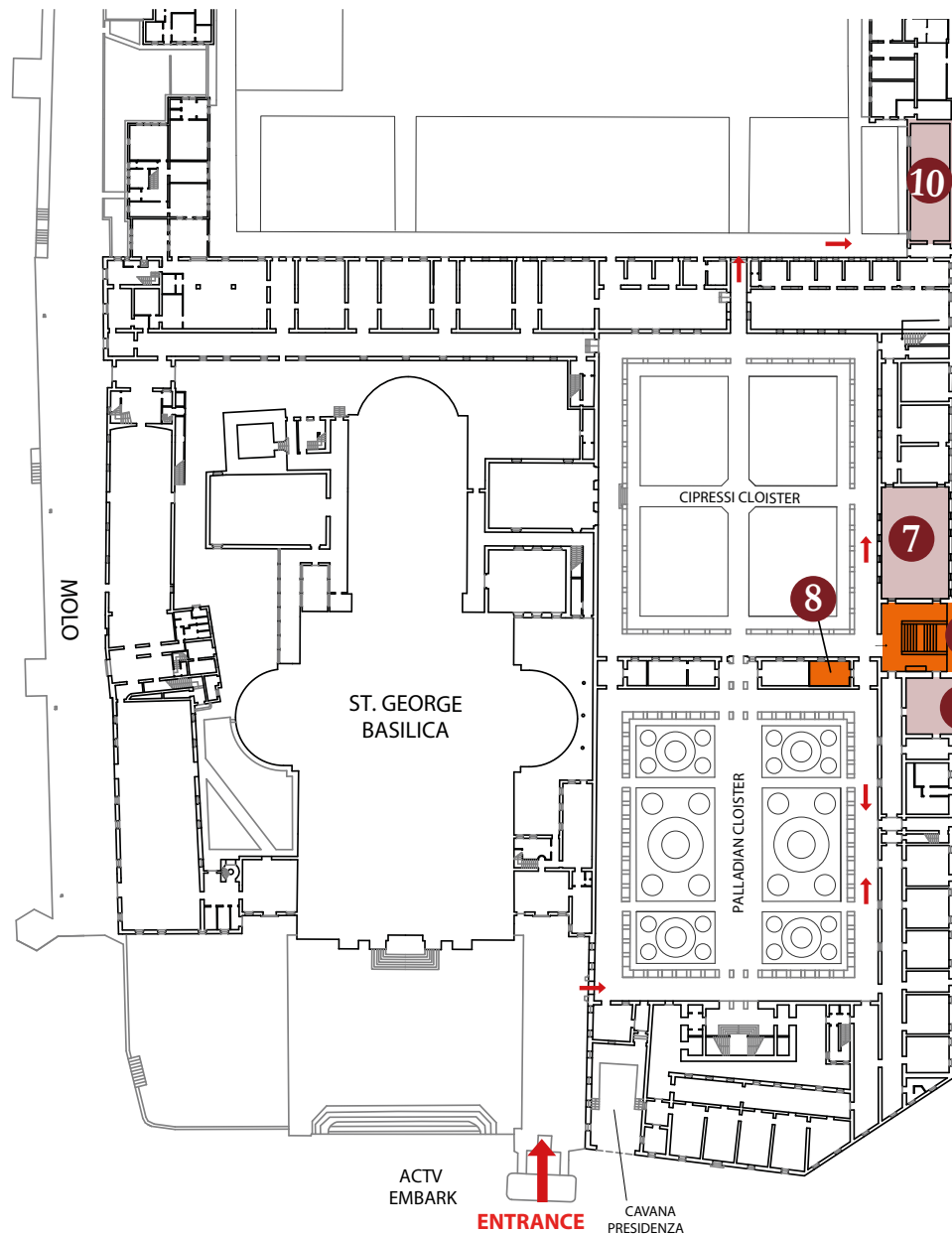
The appropriate use of wearable cardioverter
defibrillator

F. Degani / Venice-Mestre, Italy

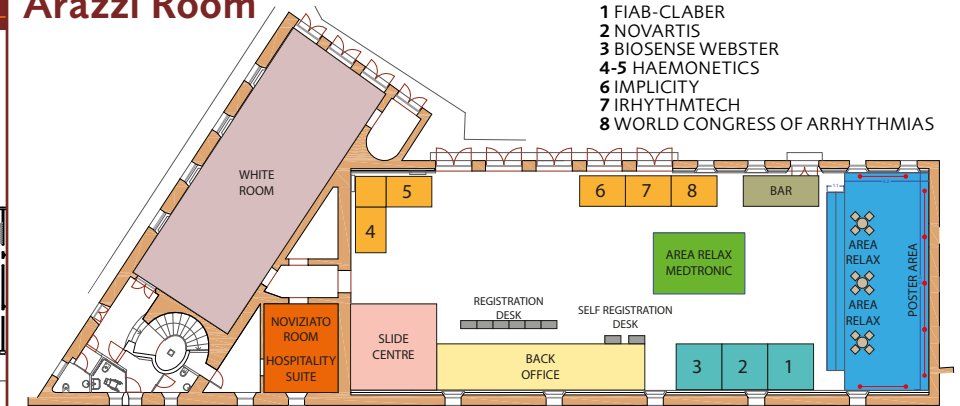
How to provide support to patients with
arrhythmia?

M.T. Hills / Decatur, USA

Fondazione Giorgio Cini



Arazzi Room



Scientific Program
Exhibition

LEGEND

- | | |
|---|---------------------------------------|
| 1. Arazzi Room
Exhibition Area & Registration Desk,
Poster Area, Slide Centre | 7. Cipressi Room
Workshop Room |
| 2. White Room
Workshop Room | 8. Cloister Room
Hospitality Suite |
| 3. Noviziato Room
Hospitality Suite | 9. Capriate Room
Workshop Room |
| 4. Cenacolo Area
Exhibition Area | 10. Borges Room
Workshop Room |
| 5. Cenacolo Room
Workshop Room | |
| 6. Photographs Room
Workshop Room | |



The Organizing Committee wishes to express its gratitude to the following Companies for their unconditioned support to the Workshop:



AtriCure



Daiichi-Sankyo



HAEMONETICS®



LA BRISTOLA - CROCECIANALE - TAVIANOLI



Medtronic
Engineering the extraordinary



See you in 2024!

Stay Tuned!

Find more about the Workshop:

www.venicearrhythmias.org

Don't miss the opportunity to receive the latest news and information about the event!

Follow us on



