Welcome to the 2017 ISMICS Scientific Meeting

On behalf of the International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), I welcome you to our 20th Anniversary Scientific Meeting in the beautiful and historic city of Rome. This meeting is always a unique opportunity to discuss the exciting new developments in cardiac, vascular, and thoracic surgery. Program Co-chairs, Drs. Nikolaos Bonaros and Dr. Eric Lehr on the cardiac side and Drs. Ghulam Abbas and Farid Gharagozloo on the thoracic side, have put together an excellent scientific program which we know you will enjoy.

The diversity of the scientific content is exciting and we have supplemented this with some very interesting presentation formats, including Point/Counter-Point exchanges, 3D Live-in-a-Box Videos, posters, and video presentations.

A new presentation at the 2017 Annual Meeting will be the “Subramanian Innovation Award” which will award a $5,000 grant to an ISMICS member with an innovation they would like to bring to reality. This award was created through a generous donation from ISMICS Past President and Founding Member, Dr. Valavanur A. Subramanian. I would like to extend my thanks to Dr. Subramanian for his continued support of ISMICS educational initiatives.

All presenters are expected to prepare manuscripts of their presentations for submission to INNOVATIONS, our official Journal, which is indexed in MEDLINE. Manuscripts submitted by Saturday, June 10 are eligible for a $2,000 cash prize “Best Manuscript” award. We will also offer a $1,000 prize for the best manuscript submitted by July 10th. I urge everyone to take advantage of these prizes and see your work in publication in a timely fashion.

As always, the ISMICS program begins on Wednesday with the Masters Day Program, featuring Point / Counter-Point sessions in both the morning and afternoon, followed by the Welcome Reception in the Exhibit Hall. Also on Wednesday, I urge you all to end the evening at the Technical Challenges: Pitfalls and Disasters session

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Rome Welcomes the ISMICS Annual Meeting

The city is a real-life collage of piazzas, open-air markets, and astonishing historic sites, including the Trevi Fountain, the Colosseum, the Pantheon, St. Peter’s Basilica and the Sistine Chapel, just to name a few.

With so much to see outside of the ISMICS meeting, you will need to plan your time and prioritize your excursions. Tour the ancient ruins and fountains or focus on the religious aspect and spend time in Vatican City. Or investigate the local neighborhoods such as Monteverde, Colonna, or Trastevere. Take a food tour and sample both traditional and creative cuisine. Or simply find a street cafe, relax, and watch the world go by.

Enjoy the city and the meeting!
RAM AVR/MVR Procedure

Learn about LSI's automated instrumentation for minimally invasive surgical aortic valve replacement and mitral valve replacement at LSI Booth 14 and the LSI Innovation Boutique.
Welcome from the President

(continued from page one)

with Chair: Valavanur A. Subramanian, MD and co-chairs: Ramchandra Reddy, MD, Gry Dahle, MD, and Nikolaos Bonaros, MD.

Additional highlights of the program include the Kit Arom Lecture given by Alan B. Lumsden, MD on “What Cardiothoracic Surgeons Can Learn from Vascular Surgery: Experience from Development of Endovascular Techniques by Surgeons - for Surgeons;” the ever-popular Poster Competition with Rex Stanbridge; the 20th Birthday Celebration which will be a wonderful tribute to the organization and its founders and its members; and the Keynote Address by Giovanni E. Corazza, Professor, on “Creativity Principles: How to Challenge the State of the Art.”

The meeting concludes on Saturday with the Annual Business Meeting and the traditional Thoracic Movie Day, with ten state-of-the-art videos.

On behalf of ISMICS, welcome to Rome! Enjoy the meeting and this wonderful city.

INDUSTRY Supported-SYMPOSIA

Thursday 8 June

Medtronic Luncheon
12.15–13.45
Sala Michelangelo
Section 3

Abbott Luncheon
12.15–13.45
Sala Michelangelo
Section 2

Friday 9 June

LivaNova Luncheon
12.15–13.45
Sala Michelangelo
Section 1

AtriCure Dinner
18.00–20.00
Salone die Cavalieri 4

Medtronic Luncheon
12.20–13.50
Sala Michelangelo
Section 3

NeoChord Luncheon
Sala Michelangelo
Section 2

The diversity of the scientific content is exciting and we have supplemented this with some very interesting presentation formats, including Point/Counter-Point exchanges, 3D Live-in-a-Box Videos, posters, and video presentations.
Celebrate ISMICS 20th Birthday

Tiepolo Terrace at Rome Cavalieri
Friday, 9 June 18.30-21.30

Located on the Tiepolo Terrace overlooking the pool and Rome. Come join the ISMICS 20th Birthday Celebration with the ISMICS Past Presidents, founding members and current leadership as we celebrate 20 years of advancing minimally invasive and innovative surgery.

Please remember that a social ticket is needed for admittance. If you need to purchase a ticket, please visit the ISMICS registration desk before Friday.

Tickets are required for attendees, per Ethical Med-Tech requirements.

Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Ciné-Med and ISMICS. Ciné-Med is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Ciné-Med designates this live activity for a maximum of 24.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

How to Claim CME Credits/Letter of Attendance

CME certificates will be sent via the post meeting evaluation after the meeting. For attendees who require a letter of attendance or CME certificate, you will be able to make application electronically the week following the meeting.

ISMICS requires an email address to forward you the link to apply. If you registered via fax, post or carrier pigeon, and are not an ISMICS member, the Society may not have your email address.

Email update forms are available at the ISMICS Registration Desk. All CME credits must be claimed within 90 days of the meeting.

ISMICS: Celebrating Innovation for 20 Years

LSI SOLUTIONS®
Santo Rodi and Santo Stefano
7796 Victor-Mendon Road, Victor,
NY 14564 USA
www.lsisolutions.com

At the LSI SOLUTIONS® Innovation Boutique, featuring our PERQSCOPIC™ Simulators, surgeons will be able to realistically simulate the Right Anterior Mini-Thoracotomy approach to an AVR. At our training session, surgeons will be able to obtain a “feel” for the ergonomics of the RAM® and SEW-EASY® devices. We will also be highlighting products within the LSI SOLUTIONS® pipeline, including our RAM® RING and 3D® Mini Access Portal.

Intuitive Surgical
Room Malta B
1020 Kifer Road, Sunnyvale, CA
94086-5304 USA
www.intusurg.com

Come to Room Malta B to test drive the new ENDOWRIST Stapler 30 for the daVinci Xi Surgical System! Test your skills on our simulator where we will be demonstrating skills drills exercises.

Edwards Lifesciences Corp.
Room Malta B
One Edwards Way, Irvine, CA,
92614 USA www.edwards.com

Visit Edwards Lifesciences SimCity at the Edwards booth! The SimCity practical workshop is built around the Minimally Invasive Pathway for Mitral Valve Surgery. We will present the ThruPort platform from peripheral cannulation to the Physio II ring, designed for minimally invasive surgery. The practical sessions will be on a percutaneous retrograde cardioplegia catheter placement and endoluminal aortic occlusion. Do not miss out on this unique opportunity, we are looking forward to see you! - The Edwards Staff

Celebrate ISMICS 20th Birthday

Tiepolo Terrace at Rome Cavalieri
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ISMICS: Celebrating Innovation for 20 Years
A Message From Your ISMICS Executive Director

As I write this, I look back to January of 2001, when I first had the privilege of meeting the leadership of the then very new and very young society known as ISMICS. At the time, ISMICS was just 3 years old, and was barely starting to find its way in the emerging world of minimally invasive surgery. The leadership of ISMICS were all true pioneers in this field – willing to look at decades of traditional surgical procedures with fresh and inquisitive eyes, fiercely believing that they were taking steps to make quantum improvements in the care of their patients, and all passionate early adopters of new technologies and innovative concepts. What struck me even then was that these surgeons represented a range of ages and geographies. They came from different countries, large academic institutions and small private hospitals and practices, yet all shared one common bond – a deep seated belief that there was a better way to do surgery and improve the lives and outcomes for their patients. Now, as ISMICS celebrates its 20th year as a society with our meeting in Rome, I am once again humbled by the honor of serving as your Executive Director as the society has grown, overcome challenges and naysayers, fought for and created its own journal, and become a world leader and naysayers, fought for and created its own journal, and become a world leader in innovative and minimally invasive surgery.

We return to the timeless city of Rome for our 2017 ISMICS Annual Meeting, which fittingly was also the site of our 2007 Annual Meeting which celebrated ISMICS’ 10th Anniversary. It seems appropriate to return to Rome again, and once again celebrate the strength and uniqueness of our organization. Our home for 2017 is the exquisite Rome Cavalieri Hotel. Our pre-registrations before a panel of judges including you, the attendees, serving as a judge. Thursday morning will also feature Dr. Bonatti’s Presidential Address, as well as our introduction of new members, where all new members in attendance receive their certificates. Please be sure to

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of HD and more than 1 billion colors. Aesculap® – a B. Braun brand

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B. Braun is one of the world’s leading healthcare suppliers offering innovative and high quality products and services for hospitals and medical practices. The Aesculap Division, with competence in the operating theater for 150 years, focuses on products and services for all of the core processes in surgery also in Cardio-Thoracic-Surgery.

AngioDynamics Inc. B31

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AngioDynamics Inc. is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, surgery, peripheral vascular disease and oncology. AngioDynamics’ diverse product lines include fluid management systems, angiographic products and accessories, drainage products, thrombolytic products and venous products.

Arthrex GmbH B23

Erwin-Hielscher-Straße 9, 81249 Munich, Germany www.arthrex.de

Arthrex is a global medical device company that has pioneered the field of Arthroscopy and is leader in new product development. 2014 Arthrex has successfully launched the world’s first 4K multispecialty endoscopy camera with 4x the resolution of HD and more than 1 billion colors.

AtriCure, Inc. B4

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AtriCure, Inc. is a medical device company that provides innovative solutions designed to decrease the global Afib epidemic. AtriCure’s Synergy™ Ablation System is the first & only surgical device approved for the treatment of persistent & longstanding persistent forms of Afib in patients undergoing certain open concomitant procedures.

Cardio Medical GMBH B16

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Your innovative partner in the field of medical technology. High-tech surgical products for Minimally-Invasive Surgery and future technologies Made in Germany.

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Dendrite Clinical Systems is a specialist supplier of clinical databases, analysis software, consultancy and publishing services for the international healthcare sector. With over 22 years’ experience, the company’s global user base extends across hundreds of hospitals, with over 150 national and international databases, across more than 50 major countries.

GEISTER Medizintechnik GmbH B3

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For more than 30 years GEISTER® continues to provide you with the finest surgical instruments “Made in Germany” and technical innovations for evolving, more patient friendly minimally invasive surgical procedures that yet can maintain or even exceed the long term results of proven conventional procedures, always striving for “The better way to operate.”

Getinge Group B25

Maquet Netherlands B.V., Oscar Romeroelaan 3, 1216 TJ Hilversum, The Netherlands www.getinge.com

Getinge is a global provider of innovative solutions for operating rooms, intensive-care units, sterilization departments and for life science companies and institutions. Based on our first-hand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving every-day life for people, today and tomorrow.

LivaNova B18

LivaNova PLC, Via B. Crespi 17, Milano Italy www.livanova.com

LivaNova PLC is a global medical technology company built on nearly five decades of experience and a relentless commitment to improve the lives of patients around the world. LivaNova’s advanced technologies and breakthrough treatments provide meaningful solutions for the benefit of patients, healthcare professionals and healthcare systems. Headquartered in London and with a presence in more than 100 countries worldwide, the company employs more than 4,500 employees. LivaNova operates as three business franchises: Cardiac Surgery, Neuromodulation and Cardiac Rhythm Management, with operating headquarters in Mirandola (Italy), Houston (U.S.A.) and Clamart (France), respectively. Visit us at booth #18 to learn more about our therapies and solutions.
Celebrating our 10th year of clinical use and over 2.5 million fasteners sold worldwide, COR-KNOT® is future fastening technology you can trust. COR-KNOT® reduces cardiopulmonary bypass and cross clamp time, saving total operative time and improving patient outcomes.

Medistim

Medistim is the market leader in intraoperative ultrasonic guidance and quality assessment focused on improving surgical outcomes. With the MiraQ™ platform, Medistim offers the unique combination of transit time flow measurement (TTFM) and high-frequency ultrasound imaging. This technology enables surgeons to execute necessary corrections while the patient is still in the operating room.

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Through innovation and collaboration, Medtronic improves the lives and health of millions of people each year. Learn more about our technology, services and solutions at Medtronic.com.

NeoChord, Inc.

NeoChord, Inc. is a global medical technology company leading the advancement of minimally invasive, beating heart repair of degenerative mitral valve regurgitation. NeoChord received CE market clearance in December 2012 for the DS1000 system, successfully treating over 550 patients to date.

NOVADAQ

With over 15 years leading development in SPY Fluorescence Imaging Technology, our mission is to enable physicians with point-of-care imaging solutions that provide real-time clinically significant and actionable information to improve care quality and lower healthcare costs. Using NOVADAQ’s imaging technology, physicians can visualize blood flow and critical anatomical structures.

Scanlan International, Inc.

Scanlan International, Inc. is a global medical technology company leading the advancement of minimally invasive, beating heart repair of degenerative mitral valve regurgitation. Scanlan received CE market clearance in December 2012 for the DS1000 system, successfully treating over 550 patients to date.

Terumo Cardiovascular Group

Terumo Cardiovascular Group serves surgical teams by developing and distributing world class medical devices used in cardiac surgery. Terumo provides valued products to the healthcare market including endoscopic vein harvesting, beating heart and surgical stabilization products and vascular grafts. Additional company information can be found at www.terumo-cvgroup.com.

Wexler Surgical

Wexler Surgical designs and manufactures a variety of titanium and stainless steel specialty surgical instruments and products for Cardiac, Vascular, Thoracic, and Micro Surgery. Come see our VATS/MICS instruments and ask about our Optimus Series. Visit us online at www.wexlersurgical.com for more information about our products and services.
Moderated Poster Competition: Thursday and Friday

The Best Moderated Poster Competition is a peer-review session conducted in two rounds. The first round will be held on Thursday at 17.00. First round presentations are divided into topic groups, with several groups presenting concurrently. Topic groups include: Aortic; Arrhythmia; Heart Failure, Congenital Imaging & General; Revascularization; Thoracic Sugery; Thoracic General; Valve; Minimally Invasive Valve; TAVI; and Experimental.

The highest scoring posters in each group become the semi-finalists and compete in the Final Round on Friday at 16.15. The semi-finalists make their presentations to the entire audience. Topic moderators score the semi-finalists to select the Best Moderated Poster, which will be announced on Saturday. Don’t miss the exciting event!

The 2016 Moderator Poster Competition

2016 Poster Winner Kate Dillon for her presentation “Pre-operative Eligibility for Minimally Invasive Coronary Artery Bypass Grafting: An Examination of Epicardial Adipose Tissue using Computed Tomography”
ISMICS Research and Education Fund Awards

ISMICS Chitwood Educational Travel Awards

ISMICS and the ISMICS Research and Education Fund is pleased to award two Chitwood Educational Travel Awards. These awards are provided through the ISMICS Research and Education Fund, via a contribution from former ISMICS President, Dr. W. Randolph Chitwood, Jr.

Each winner will receive $1,000, complimentary Annual Meeting registration, and a year’s complimentary Candidate membership in ISMICS, which includes a subscription to the ISMICS journal, INNOVATIONS.

All Residents and Fellows attending the 2017 ISMICS Annual Meeting were eligible to submit for consideration.

The Winners will be announced on Thursday, immediately after the introduction of the New Members during the Morning Plenary Session.

Subramanian Innovation Award

The Subramanian Innovation Award was established in 2016 through a generous donation to the ISMICS Research and Education Fund by ISMICS Past President and Founding Member Valavanur A. Subramanian.

The winner of the Award will receive a $5,000 grant to be used toward taking their innovation and bringing it to reality for implementation.

Applications have been reviewed and the following finalists will present their work on Friday at 10.45:

- A Leaflet Extending Device for Easier Repair of Functional Mitral Regurgitation with Minimally Invasive Techniques
  Muralidhar Padala, Emory University
- Lima-to-lad Without Sternotomy or Thoracotomy: Does the Trans-xiphoid Approach Add Value?
  Andy Kiser, ECHI Greenville
- Percutaneous Closed-chest Transapical Valve Procedures: First Tests in Animals
  Enrico Ferrari, University Hospital Zurich

Paul Grundeman Scientific Research Award

Will be awarded for the first time in 2018 in honor of Dr. Paul Grundeman, former Secretary of ISMICS, and will focus on basic research and early clinical concepts outlining innovation suited to minimally invasive cardiothoracic surgery.

Give to the Research and Education Fund

The International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) was formed in 1997 to enhance, promote and support research and education in, and related to, the field of minimally invasive cardiac surgery. In 2004 the Society expanded its scope and mission to include research and education in minimally invasive thoracic surgery.

ISMICS is helping shape the future of less invasive cardiac and thoracic surgery on a global basis. The mission of the Society is to lead and promote innovation and technological advancement in cardiothoracic and cardiovascular surgery through scientific analysis and education. The Society has over 800 international members which include Active, Candidate, Honorary, Allied Health Professional and Senior members.

ISMICS created the Research and Education Fund, formerly the Leadership Fund, in 2006 to fund the Presidents’ Awards at the ISMICS Annual Meetings and Winter Workshops. The Officers of ISMICS have taken the lead in supporting the ISMICS Research and Education Fund and invite you to assist them in their goal of funding its annual awards. Your generous gift will help them to attain that goal.

Visit www.ismics.org to contribute.
congratulate new ISMICS members following their induction on Thursday morning during the Presidential Plenary Session. Finally, the Thursday morning session will also include the announcement of the Chitwood Travel Award Winners, made possible through the generous support of ISMICS 2003 President Dr. W. Randolph Chitwood, and will feature the “first time” announcement of yet another award to begin in 2018, the Paul F. Grundeman Scientific Research Award, established by ISMICS to honor our former Secretary, Dr. Grundeman, for his outstanding contributions to ISMICS and to innovation in the cardiothoracic and research fields. Watch for details of this translational award as we enter the 2018 abstract submission process.

No scientific program is a success without tireless efforts from the Program Committee, and this year the Cardiac and Thoracic Program Chairs, Drs. Nikolaos Bonaros, Eric Lehr, Ghulam Abbas and Farid Gharagozloo have been simply outstanding. The program in front of you is diverse, of the highest quality, and intended to give you the most thought-provoking and educational experience possible. In addition to oral presentations, there are multiple videos, and the continuation of the 2-day Poster Competition conceived and overseen once again by Dr. Rex Stanbridge, ISMICS 2007 President. It is interesting that while many other meetings and societies have attempted to copy the ISMICS poster format, none have succeeded; it remains the finest example of simultaneous poster presentation. And our first day of science again ends with another ISMICS hallmark, the ever-popular “Technical Challenges: Pitfalls and Disasters.”

ISMICS is pleased to offer our attendees complimentary Wi-Fi access in the meeting space – ismics2017 is the password and we urge you to use this to access our meeting app, as well as our adaptive website, where you can find our full program and abstracts. Please join our new Social Media Committee in tweeting the meeting – a link to Twitter is included as part of our App.

With 2017 marking the 20th Anniversary, or “Birthday Celebration” of ISMICS, we of course honor our Past Presidents. ISMICS had many visionary founding members, but a special acknowledgment must go to the first President, Dr. Robert Emery, who helped crystallize the vision of these early MICS pioneers, and put the foundation in place. From the first ISMICS Meeting in 1997, held in the hometown of Bob Emery in Minneapolis, to our 20th Annual Meeting, we honor each of our Past Presidents and the legacy that they helped to create. You will see our Past Presidents noted in signage, and with special recognition at our Friday evening Attendee Celebration. But the Friday evening event is also for each of you, the dedicated professionals and industry partners who make up ISMICS. ISMICS is special. It has always remained unique and keenly aware of the need for the society to remain on the forefront of innovation in cardiothoracic surgery. I thank the Board, and the members, for the honor of serving as your Executive Director. I am supported onsite by our superb team, consisting of Stan, EJ, Nicole, Yvonne and Lorraine, and we all look forward to spending time with you in the Eternal City.

~ Aurelie
DELIVERING MEANINGFUL INNOVATIONS
ISMICS 2017

Stop by our booth for an in-depth look at our innovations in action.
VALVE INNOVATIONS FOR THE TREATMENT OF AORTIC STENOSIS

Thursday, 8 June, 2017

During this symposium, experts will share their approaches and best practices of clinical programs for the Trifecta™ family of valves and the Portico™ valve.

AGENDA

12:15  Ten-year experience with the Trifecta™ family of valves: Do we really treat our patients better? Latest clinical update
      Mr. Kulvinder Lall

12:35  Minimally invasive AVR: The standard surgical valves approach and real life outcomes
      Dr. Piergiorgio Bruno

13:00  Portico™ transcatheter valve clinical program overview
      Dr. Greg Fontana

13:20  Portico™ transcatheter valve ALT access considerations and CE trial development
      Prof. Bruschi Giuseppe

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Please note that Abbott adheres to both the AdvaMed Code of Ethics for Interactions with Health Care Professionals and the EUCOMED Code of Business Practices. As such, we cannot provide transportation or meals for spouses or guests of attendees.

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Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

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