



BOSTON 2008



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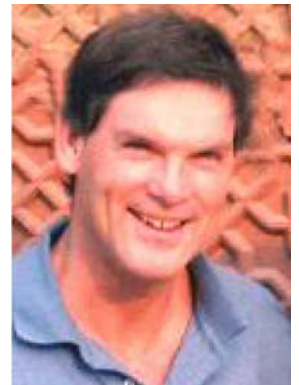
DON'T MISS:

ATTENDEE RECEPTION
Friday, June 13 / 6:00 -7:30 p.m.
TOP OF THE HUB SKYWALK
Soar 52 stories above Boston and experience the only skyhigh 360 degree view of Boston while you and your guest enjoy a sumptuous New England seafood buffet.



WELCOME TO ISMICS 2008!

- Rex Stanbridge, MD
ISMICS President 2008



This is ISMICS first visit to Boston and I hope it will be a great success. We have an exciting program with, for the first time, a significant focus on thoracic surgery. To accommodate this we are running several parallel sessions.

The entire scientific program has been skillfully developed by the Program Committee led by Volkmar Falk and Alan Menkis; they have created a superb and innovative scientific program.

We have increased the profile of thoracic surgery at ISMICS under the enthusiastic lead of Kemp Kernstine, who has enticed a major draw of thoracic names. It is only appropriate that this innovation should take place in Boston - the centre of thoracic surgery.

The Postgraduate courses on Wednesday are more extensive than usual, with two full day courses and 2 half-day courses, including:

Surgical Treatment of Atrial Fibrillation, chaired by Ralph J. Damiano, Jr., from 08.00 – 16.00;

(continued on page 8)

WELCOME TO BOSTON

Famous for everything from the Red Sox and Paul Revere to Cheers and the "Big Dig", Boston is a great city to visit. Surrounded by history and current culture, the city truly offers something for everyone – the Freedom Trail, Boston Common and Public Garden, the Charles River and Esplanade, the gold-domed State House, Faneuil Hall, the USS Constitution "Old Ironsides", Fenway Park, world-class museums, a thriving theater district, a renowned aquarium, children's museum and science museum, and great local neighborhoods like the North End, Beacon Hill and the Back Bay.

Close to it all is the Marriott Copley Place, an idyllic urban retreat for travelers, set in the center of one of Boston's finest neighborhoods, Back Bay. The hotel is centrally located to all of Boston's sites and attractions, including easy access to more than 100 shops at Copley Place, the Prudential Center and Newbury Street. Copley Place is Boston's most distinctive shopping destination with 100 fabulous stores including

(continued on page 2)



2007-2008 ISMICS Board

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ADMINISTRATIVE OFFICES

900 Cummings Center, Suite 221-U
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(978) 927-8330 / Fax: (978) 524-8890
www.ismics.org

WELCOME TO BOSTON

(continued from page one)

Tiffany & Co., A|X Armani Exchange, Gucci, Louis Vuitton, BOSS Hugo Boss, Christian Dior, Williams-Sonoma, Barneys New York, and the only Neiman Marcus in New England. The Shops at Prudential include over 75 shops and dining options such as Lacoste, Legal Sea Foods, Saks Fifth Avenue and Sephora. Newbury Street is famous for its eclectic mix of restaurants, boutiques and designer storefronts.



Local Arrangements Host

Lishan Aklog, MD, Phoenix, AZ, USA

Program Committee

Chairs

Volkmar Falk, MD, Leipzig, Germany

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Thomas Walther, MD, Leipzig, Germany

Thomas J. Watson, MD, Rochester, NY, USA

Gerhard Wimmer-Greinecker, MD, Bad

Bevensen, Germany



THE YEAR AHEAD

- John D. Puskas, MD
ISMICS President - Elect



ISMICS has grown and thrived during its first decade and now embarks on its second decade, devoted to innovation in minimally invasive cardiothoracic surgery. Originally a small group of cardiac surgeons –most from North America— interested in MIDCAB, OPCAB and alternative-incision cardiac surgery, we have grown to be a truly international group of cardiac and thoracic surgeons from literally every populated continent on earth, with wide-reaching interest in every form of minimally invasive cardiothoracic surgery, catheter-based therapies, and innovative bioengineering and biomechanical approaches to cardiac and thoracic disease.

I am delighted to announce that the 2009 ISMICS Annual Meeting will be held in beautiful San Francisco, this time at the recently renovated, elegant, landmark St. Francis Hotel in Union Square. Our meeting spaces, exhibit hall and guest rooms will all be contained within this extraordinarily gracious and luxurious setting, centered within the premier tourist and shopping area of this great and hospitable city. Please plan to submit your work and join us there.

In November 2008, the ISMICS Winter Workshop will be held on the tropical island of Okinawa, Japan, at the

magnificent Bankoku Shinryoukan conference center, in association with the annual meeting of the Japanese Robotic Surgery Society. This venue and program promise to be very exciting. I look forward to seeing many of you there.

In 2008-2009, ISMICS leadership will focus on many goals, the most important of which will be to foster the continued growth of our Society's journal, INNOVATIONS. We strongly encourage all members to submit their work to INNOVATIONS, especially work that is presented in either oral or poster form at our Annual Meeting or Winter Workshop. This journal is provided free to members of ISMICS and together with discounted registration at our meetings, is one of the great benefits of membership in ISMICS. Please access INNOVATIONS at www.innovjournal.com to read about the latest innovations in cardiothoracic surgery and to submit your work for publication. INNOVATIONS offers an outlet for rapid publication of early-stage ideas, innovative surgical techniques (even those that do not yet have long-term follow-up), hybrid and catheter-based techniques and biomechanical/bioengineering/tissue engineering/stem cell/gene therapy technologies that are

Another goal for ISMICS this year is to increase our membership and further broaden our representation around the globe, truly putting the "International" in ISMICS.

- John Puskas

cutting edge. Share your ideas with your colleagues around the world through our own ISMICS journal, INNOVATIONS.

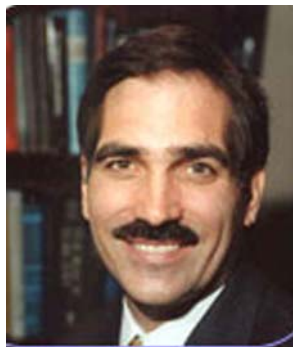
Another goal for ISMICS this year is to increase our membership and further broaden our representation around the globe, truly putting the "International" in ISMICS. We specifically look to increase involvement of surgeons from South America, Asia and the Middle East. Planning a Winter Workshop in one of these regions will be a step in that direction; several exciting proposals have been submitted and will be discussed at our next Board of Directors meeting.

Welcome to Boston for our 11th Annual Scientific Meeting. We look forward to a superb program again this year, truly representative of the extraordinary breadth of innovation of our members in both cardiac and thoracic surgery around the globe.





ISMICS HOSTS FOUR POSTGRADUATE COURSES ON WEDNESDAY



Chair: Ralph J. Damiano, Jr., MD

Surgical Treatment of Atrial Fibrillation

8.00 - 16.00

OBJECTIVES

- ♦ The electrophysiological mechanisms underlying AF
- ♦ Traditional medical and surgical treatments for AF
- ♦ Various surgical approaches for AF
- ♦ The role of emerging technologies and new energy sources
- ♦ How to identify key factors in selecting the appropriate treatment for patients with mitral valve disease and chronic AF

Supported in part by AtriCure, Inc., ATS Medical, ESTECH, Medical CV



Chair: Eric E. Roselli, MD

Endovascular Aortic Therapies

9.00 - 12.00

OBJECTIVES

- ♦ Current and new options for endovascular treatment of aortic aneurismal disease
- ♦ The potential complications of endovascular stentgrafting
- ♦ Current endovascular treatment options for traumatic transactions
- ♦ Use of endovascular therapies for treatment of aortoesophageal and aortobronchial fistulas
- ♦ Current endovascular therapies for treatment of acute and chronic distal dissections



Chair: Volkmar Falk, MD

Percutaneous Valvular Therapies

13.00 - 16.00

OBJECTIVES

- ♦ Current state of the art of percutaneous valvular therapies
- ♦ Treatment options for high-risk patients
- ♦ Imaging options in transcatheter valve treatment
- ♦ The role of emerging technologies
- ♦ Current options for Transcatheter AVI

Supported in part by Edwards Lifesciences.



ISMICS HOSTS FOUR POSTGRADUATE COURSES ON WEDNESDAY



Chair: Kemp H. Kernstine, MD, PhD



Co-Chairs:

Daniel L. Miller, MD & Thomas J. Watson, MD

Advances in Minimally Invasive Thoracic Surgery 8.00 - 16.00

OBJECTIVES

- ◆ Current treatment options for thoracic and cardiothoracic surgeons to competently perform minimally invasive procedures
- ◆ Available types of minimally invasive cardiothoracic surgery equipment
- ◆ Pitfalls/technical challenges in the use of such devices and how to overcome them
- ◆ How to identify appropriate techniques to use available devices
- ◆ How to utilize these techniques to improve collaboration with engineers, pulmonary medicine and anesthesia

Supported in part by Atrium Medical, Bronkus Technologies, Boston Scientific, Emphasys, Ethicon Endo-Surgery, Karl Storz Endoscopy America, and Olympus.

Thoracic Hands-On Session

There will be a special Thoracic Hands-On session offered from 16.00 to 18.00 on Wednesday in the Gloucester Room. Come test-drive the latest innovations in minimally invasive thoracic surgery treatments!

VATS STATIONS – 4 tables

Supporters include:

Storz (KSEA)

Covidien

Ethicon

I-Flow

ENDOBONCHIAL – 6 tables

Supporters include:

Emphasys

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RFA STATIONS – 4 tables

Supporters include:

Angiodynamics

BSCI

Veran

ENDOESOPHAGEAL - 5 tables

Supporters include:

Barrx

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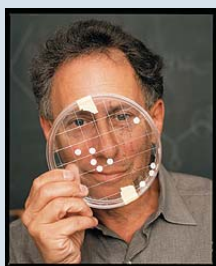
Axcan

BSCI



KEYNOTE ADDRESS

Robert Langer, Sc.D. Massachusetts Institute of Technology (MIT) Saturday, 10:00



Dr. Robert Langer, who holds the title of Institute Professor at MIT, is renowned for his revolutionary work on new and different ways to administer drugs to cancer patients. At MIT, he runs the largest biomedical engineering lab in the world.

Dr. Langer's work is at the interface of biotechnology and materials science. A major focus is the study and development of polymers to deliver drugs, particularly genetically engineered proteins, DNA and RNAi, continuously at controlled rates for prolonged periods of time.

Dr. Langer has more than 600 issued or pending patents worldwide, one of which was cited as the outstanding patent in Massachusetts in 1988 and one of 20 outstanding patents in the United States. His patents have been licensed or sublicensed to over 200 pharmaceutical, chemical, biotechnology and medical device companies; a number of these companies were launched on the basis of these patent licenses. He served as a member of the United States Food and Drug Administration's SCIENCE Board, the FDA's highest advisory board, from 1995 — 2002 and as Chairman from 1999-2002.

Dr. Langer has received over 150 major awards. In 2007, he received the 2006 United States National Medal of Science. In 2002, he received the Charles Stark Draper Prize, considered the equivalent of the Nobel Prize for engineers and the world's most prestigious engineering prize from the National Academy of Engineering. He is also the only engineer to receive the Gairdner Foundation International Award.

Moderated Poster Competition

The Moderated Poster Competition will feature a 2-round judging process. Posters will be divided into topic groups with approximately the same number of posters in each group. Authors must attend the entire session to be considered for the Best Moderated Poster Award.

First Round: Thursday (17.00-18.00)

Chief Moderators: Rex De Lisle Stanbridge and John L. Knight
Authors give a timed, 3-minute presentation; then respond to questions posed by other authors and attendees in their topic group. Topic groups run concurrently until all posters have been presented. The authors and attendees of each group will score all posters in that group. Based on the peer scoring, a winner will be named for each topic group, who then proceeds to the Final Round.

Final Round: Friday (16.40-17.25)

Moderators: Rex De Lisle Stanbridge, John L. Knight and Vassilios Guliemos
Finalists will make their presentations to all meeting attendees in the main Scientific Session Hall, using PowerPoint slides. The topic moderators from the First Round will score the Final Round presentations to determine the Best Moderated Poster Presentation.

TOPIC MODERATORS

Thoracic

Michael Jaklitsch, MD

Revascularization Strategies I

Robert W. Emery, MD

Revascularization Strategies II

Johannes Bonatti, MD

Endo-Vascular and Heart Failure

Redmond P. Burke, MD

Arrhythmia and General

Yugal K. Mishra, MD

Mitral Valve – Trans Cath and Minimally Invasive

Gerhard Wimmer-Greinecker, MD

Aortic Valve – Trans Cath and Minimally Invasive

Vassilios Guliemos, MD

THE WINNER WILL BE ANNOUNCED DURING THE FRIDAY EVENING ATTENDEE RECEPTION



2008 CASE REPORTS SESSION / WEDNESDAY, 19.00 - 21.00

Moderators: Anthony DeSouza, MD

This session includes a supper buffet.

Subendocardially Implanted Anuloplasty In A Patient With Pacemaker Lead Associated Endocarditis

Markus Thalmann¹, Franz Veit¹, Gottfried H. Sodeck², Michael Gorlitzer¹, Martin Grabenwoeger¹; ¹Hospital Hietzing, Vienna, Austria, ²Univesity Hospital, Vienna, Austria

Transapical Transcatheter Mitral Valve-In-Valve Implantation in a Human

Anson Cheung, Daniel Wong, Jian Ye, John G. Webb, Samuel V. Lichtenstein; St. Paul's Hospital, Vancouver, BC, Canada

Interventional Therapy of Prosthetic Paravalvular Leaks - A Case Series

Olaf Franzen¹, Oliver Deutsch², Joachim Schofer¹, Christian Detter², Thomas Meinertz¹, Hermann Reichenspurner²; ¹University Heart Center, Department of Cardiology, Hamburg, Germany, ²University Heart Center, Department of Cardiovascular Surgery, Hamburg, Germany

Minimal Invasive Extracorporeal Circulation For Intraatrial Tumor Thrombectomy

Marcello Bergonzini¹, Enrico Citterio¹, Alessandro Piccinelli², Orazio Maugeri², Roberto Gallotti¹, Pierpaolo Graziotti²; ¹Istituto Clinico Humanitas. Reparto di Cardiochirurgia, Rozzano (MI), Italy, ²Istituto Clinico Humanitas. Reparto di Urologia, Rozzano (MI), Italy

Transcatheter Closure of the Mitral Valve Prosthesis Leakage

Zan Kostadin Mitrev¹, Anguseva N. Tanja, Sr.¹, Ivan Milev¹, Dietmar Schranz²; ¹Special Hospital of Cardiosurgery, Skopje, The Former Yugoslav Republic of Macedonia, ²Cardiosurgery Centre Justus Liebig, Giessen, Germany

Beating Heart Aortic Valve Replacement After Previous All Arterial Coronary Artery Bypass Grafting

Markus Thalmann¹, Franz Veit¹, Gottfried H. Sodeck², Michael Gorlitzer¹, Martin Grabenwoeger¹; ¹Hospital Hietzing, Vienna, Austria, ²Univesity Hospital, Vienna, Austria

FOOD AND SCIENCE: INDUSTRY SPONSORED BREAKFAST AND LUNCH SYMPOSIA

Breakfast and Lunch Symposia are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, the American College of Surgeons.

Thursday

06.30 - 07.45 Breakfast Symposium

The Ex-Maze- A Solution for the Forgotten Patients: A Treatment for all Types of Atrial Fibrillation

Supported by an educational grant from ACATI

11.30 - 13.00 Lunch Symposia (3 concurrent)

Medtronic Inc. presents the MICS Marketplace

Supported by an educational grant from Medtronic, Inc.

Less Is More: Minimal Extracorporeal Circulation (MECC) Improves Aortic Valve Replacement Patient Outcome

Supported by an educational grant from MAQUET Cardiovascular

Dual Perspectives: How Minimally Invasive Skills Help Prepare for Future Technologies

Supported by an educational grant from Edwards Lifescience

Friday

06.30 - 07.45 Breakfast Symposium

Fibrin Glue for Heart Surgery

Supported by an educational grant from CSL Behring K.K.

11.45 - 13.00 Lunch Symposium

AF Innovation Symposium: Presentation Luncheon

Supported by an educational grant from ESTECH



WELCOME TO ISMICS 2008 (CONTINUED FROM PAGE ONE)

Advances in Minimally Invasive Thoracic Surgery, chaired by Kemp H. Kernstine, with co-Chairs: Daniel L. Miller and Thomas J. Watson from 8.00 – 16.00, with a special hands-on training from 16.00 - 18.00.

New Paradigms and the Future Endovascular Aortic Surgery, chaired by Eric E. Roselli, from 09.00 – 12.00; and

Current Status of Transcatheter Valve Therapy Percutaneous Valvular Therapies, chaired by Volkmar Falk, from 13.00 – 16.00.

Boston is a great city with lots of character and history. We are fortunate to have this opportunity to break away from the strict format of the same Eastern and Western North American seaboard sites each year. We hope you will enjoy the local environment and we encourage your feedback.

In speaking of feedback, I would also welcome your ideas on ways to attract and keep members close to the heart of the Society. One thought would be to allow members to recommend nominations to the ISMICS Board of Directors. Currently, we have three members from

the USA, three from Europe and three from the rest of the world: each appointment is for three years, giving one vacancy in each zone each year. This would be one way to add value to membership. Indeed, increasing membership itself is important and we invite each of you to promote one new colleague for membership each year.

This year we have continued with the trainee lunchtime session (led by Francis Ferdinand) and we hope this will provide an excellent opportunity for trainees to participate in the future of cardiothoracic surgery and focus on current issues of particular interest to them.

ISMICS hosted a successful Winter Workshop in 2007 in Antalya, Turkey under the leadership of Oztekin Oto and we invite you to the 2008 Winter Workshop in Okinawa, Japan, under the leadership of Go Watanabe and Toshi Ohtsuka.

Our thanks also go to our industry supporters who have again generously supported our annual meeting. Our relationship with industry continues to flourish and grow and remains a vital part

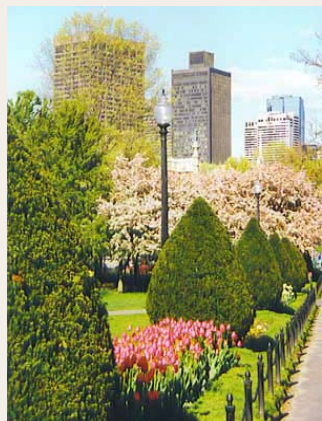
I would also welcome your ideas on ways to attract and keep members close to the heart of the Society. One thought would be to allow members to influence nominations to the ISMICS Board of Directors.
-Rex Stanbridge

of our link with technology and innovation.

My final thanks are to the ISMICS staff, and especially to Executive Director Aurelie Alger, who has acted as both chief executive and meeting manager putting in an enormous amount of work. Her team has helped to organize a special 11th Anniversary Awards and Reception on Friday night at the "Top of the Hub", on the 52nd floor of the Prudential Tower with a superb New England seafood buffet.

Thank you for your continued support of ISMICS and welcome to all new members and attendees, especially those in thoracic surgery; we hope you will continue your interest in this society.

A SAMPLE OF BOSTON'S ATTRACTIONS



SHOPPING

- Charles Street in Beacon Hill
- Copley Place
- Newbury Street in Back Bay
- Quincy Market
- Shops at the Prudential

MUSEUMS

- Institute of Contemporary Art
- Isabella Stewart Gardner Museum
- JFK Library & Museum
- Museum of Fine Arts
- Museum of Science
- New England Aquarium
- Boston Tea Party Ship & Museum
- Children's Museum

SIGHTSEEING TOURS

- Boston Duck Tours
- Old Town Trolley Tours

HISTORICAL ATTRACTIONS

- Boston Common & Public Garden
- Boston Public Library
- Bunker Hill Monument
- Faneuil Hall
- North End
- Massachusetts State House
- Old North Church
- Old State House
- Paul Revere House
- The Freedom Trail
- USS Constitution





ADDITIONAL ISMICS PROGRAM HIGHLIGHTS

Technical Challenges

Thursday, 17.30-19.30

"Preoperative Strategies and Intraoperative Complications"

Valavanur A. Subramanian, MD, Chair

Presidential Address

Friday, 11.00 - 11.30

Rex De Lisle Stanbridge, MD, FRCS, FRCP

Panel Discussion

Saturday, 10.45-11.45

"Minimally Invasive Approach to Re-Do Surgery"

Sir Bruce Keogh, MD, Moderator

Current Controversies

Saturday, 11.45 - 12.30

"The End of Coronary Stenting?"

Special Invited Topics

Thursday, 10.45-11.30

"Sutureless Valves"

Moderators: Francesco Maisano, MD & Volkmar Falk, MD

Saturday, 9.30 -10.00

"Cardiac Care"

Naresh Trehan MD & Sir Bruce Keogh, MD

Late Breaking News

Thursday, 13.15 – 14.00

Single Center Experience with the ATS Enable Bioprosthesis

Toshi Ohtsuka, MD, Moderator

Sven Martens, MD

*Sponsored by an educational grant from
ATS Medical, Inc.*

The Cardica PAS-Port Proximal Anastomotic Connector Device: First Report of the Results of the FDA Trial

John D. Puskas, MD

Sponsored by an educational grant from Cardica Inc.

Late Breaking News is not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, the American College of Surgeons.



INNOVATIONS

INNOVATIONS is the official journal of the International Society for Minimally Invasive Cardiothoracic Surgery. All accepted papers are required to submit full manuscripts to **INNOVATIONS** within two weeks of the Annual Scientific Meeting. Publishing decisions are those of the Editors and Editorial Board. **INNOVATIONS** is published by Lippincott, Williams and Wilkins.

Associate Editor: John B. Flege, Jr., MD

Managing Editor: Leslie Dye



ISMICS EXHIBIT HALL - MARRIOTT - SALONS E & F

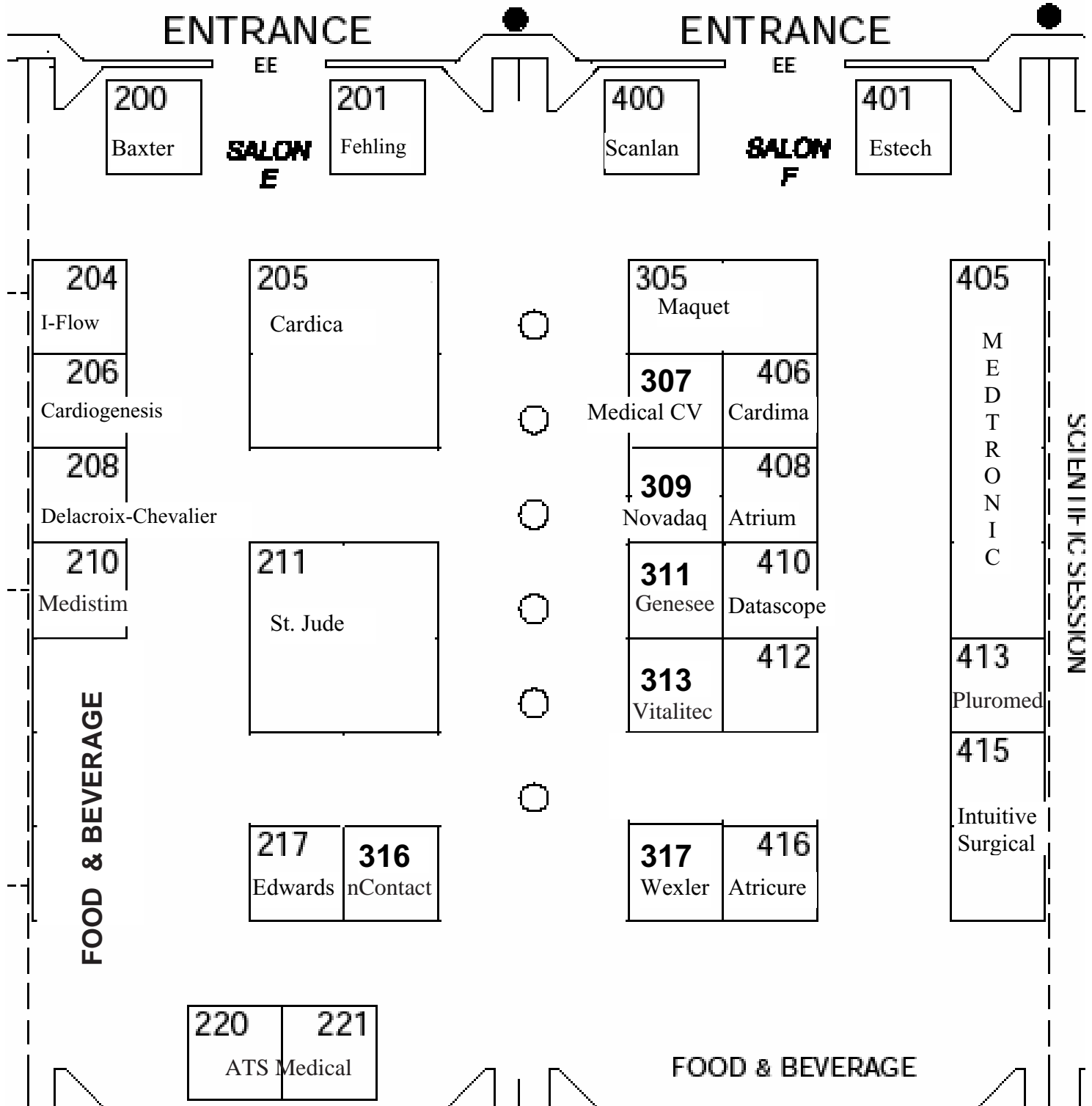




EXHIBIT HALL HOURS

Wednesday 11 June

16.00 - 19.00 (Welcome Reception at 17.00)

Thursday 12 June

7.15 - 11.00

13.30 - 17.45 (Exhibit Hall Reception at 16.30)

Friday 13 June

7.30 - 10.30 and 13.30 - 16.00

Continental breakfasts will be served on Thursday and Friday mornings and a continuous beverage service will be available during all Exhibition Hours.

SUPPORTERS

The following companies are providing a variety of learning experiences during the meeting and work with leadership to determine effective presentation and learning formats. Each has a significant commitment to minimally invasive cardiothoracic surgery.

PLATINUM

Medtronic, Inc.
St. Jude Medical, Inc.

GOLD

Edwards Lifesciences, Inc.
MAQUET

SILVER

Cardica, Inc.
Medical CV

EXHIBITOR PRODUCT DESCRIPTIONS

ATRICURE, INC.

Booth 416

6033 Schumacher Park Drive, West Chester, Ohio 45069 USA

www.atricure.com

Introducing ORLab™, the latest tool for intra-operative testing during advanced cardiac surgery. Test for block, isolate and ablate GPs, plus record and print Intraoperative results. With AtriCure Coolrail™, connect to a whole new range of patients! Learn how Coolrail can produce precise linear atrial lesions for minimally invasive or totally thoracoscopic approaches.

ATRIUM MEDICAL CORPORATION

Booth 408

5 Wentworth Drive, Hudson, New Hampshire 03051 USA

www.atriummed.com

Atrium Medical Corporation, the leading manufacturer of chest drainage products worldwide, offers a complete family of the finest quality, most innovative thoracic drainage products available including the Ocean, Oasis and Express series chest drains, Express Mini 500 mobile drain, PleuraGuide Disposable Chest Tube Kit, and HydraGlide XL Silicone Thoracic Catheters.

ATS Medical

Booths 220, 221

3905 Annapolis Lane, Minneapolis, MN 55447 USA

www.atsmedical.com

ATS Medical features the ATS Open Pivot® Mechanical Heart Valves, ATS Simulus™ Annuloplasty Products, and ATS 3f® Bioprostheses. ATS is the leader in surgical cryoablation providing ATS CryoMaze products: the SurgiFrost® probes and FrostByte® clamps.

BAXTER

Booth 200

1 Baxter Parkway, Deerfield, IL 60015 USA

www.baxterbiosurgery.com

Baxter is a global medical products and services company with expertise in medical devices, pharmaceuticals and biotechnology. Our key products include FLOSEAL [Hemostatic Matrix], COSEAL [Surgical Sealant], TISSEEL [Fibrin Sealant] and GELFOAM PLUS, a ready to use medical device kit.

CARDICA, INC

Booth 205

900 Saginaw Drive, Redwood City, CA 94063 USA

www.cardica.com

Anastomoses made fast & simple. Cardica designs and manufactures proprietary automated anastomosis systems used by cardiovascular surgeons to perform rapid, reliable and consistent anastomoses of the blood vessels during coronary artery bypass graft (CABG) surgery. In comparison with hand-sewn sutures, our systems offer mechanically governed repeatability and reduced procedural complexity.

CARDIMA, INC.

Booth 406

47266 Benicia Street, Fremont, CA 94538

www.cardima.com

Cardima-Advancing Cardiac Ablation Techniques. Proven innovative technology incorporated into an ablation line of products used in an open (or closed) chest procedure safely and effectively; creating continuous, thin, deep, transmural lesions. Cardima has been dedicated to the diagnosis and treatment of arrhythmias for over 12 years.

(continued on next page)

**EXHIBITOR PRODUCT DESCRIPTIONS**

- CONTINUED -

CARDIOGENESIS**Booth 206**

11 Musick, Irvine, CA 92618 USA

www.cardiogenesis.com

Cardiogenesis Corporation is a progressive medical device company specializing in the treatment of cardiovascular disease and a leader in therapies designed to stimulate cardiac angiogenesis (new blood vessel formation) and aid in complete revascularization in patients with ischemic heart disease. The company's market-leading Holmium:YAG laser and disposable fiber-optic delivery systems are used to treat patients suffering from the debilitating pain of severe angina.

DATASCOPE CORPORATION**Booth 410**

14 Phillips Parkway, Montvale, NJ 07645 USA

www.datascope.com

Datascope provides counterpulsation and conduit harvest solutions. Featuring the CS300 (R) pump and Sensation (R) catheter, we are the leader in counterpulsation therapy. Our ClearGlide (R) EVH products offer flexible, efficient options for single, small incision conduit harvest.

DELACROIX-CHEVALIER**Booth 208**

ZI LA VENDUE-BP 2152- 52906 CHAUMONT – France

www.delacroix-chevalier.com

Delacroix-Chevalier is a company which has grown from France since 1920, offering instruments and services for surgeons all over the world, therefore affirming itself as a premiere option in cardiothoracic and vascular instruments. Delacroix-Chevalier is a part of Landanger Group, the French leader in surgical instruments manufacture and distribution.

EDWARDS LIFESCIENCES**Booth 217**

One Edwards Way, Irvine, California 92614 USA

www.edwards.com

Edwards Lifesciences is the global leader in the science of heart valves and hemodynamic monitoring. Headquartered in Irvine, Calif., Edwards treats advanced cardiovascular disease with its market-leading heart valve therapies, and critical care and vascular technologies. In 2008, Edwards celebrates 50 years of partnering with clinicians to develop life-saving innovations. The company's global brands, which are sold in approximately 100 countries, include CardioVations, Carpentier-Edwards, Cosgrove-Edwards, FloTrac, Fogarty, PERIMOUNT Magna and Swan-Ganz. Additional company information can be found at <http://www.edwards.com>.

ESTECH CARDIAC SURGERY SPECIALISTS**Booth 401**

2603 Camino Ramon, Suite 100, San Ramon, CA 94503

www.estech.com

ESTECH enables Cardiac Surgeons who specialize in: Ablations, CABG, & Valve procedures —with COBRA® RF Ablation Products, Stabilizers, Positioners, Valve Exposure, and Cannulation Systems for traditional and minimally invasive approaches.

FEHLING SURGICAL INSTRUMENTS, INC.**Booth 201**

509 Broadstone Lane, Acworth, GA 30101

www.fehlingsurgical.com

Minimal Access with Full Success! Possible with the NEW Fehling Minimally Invasive Cardiac Instrument Line and CERAMOa Micro Instruments. See and feel the difference.

GENESEE BIOMEDICAL, INC.**Booth 311**

1308 S. Jason Street, Denver, CO 80223

www.geneseebiomedical.com

Innovation Changing Life through products for Cardiothoracic Surgery. Genesee BioMedical, Inc. develops and manufactures instruments and devices for cardiothoracic surgery. Unique Genesee products include sternal and thoracic retractors for adult/pediatric.

I-FLOW CORPORATION**Booth 204**

20202 Windrow Drive, Lake Forest, CA 92630

www.iflo.com

ON-Q is labeled to significantly reduce pain better than narcotics and to significantly reduce narcotics intake after surgery. ON-Q was upheld as a best practice for post-surgical pain relief and its widespread use was encouraged as part of an independent study published in the prestigious Journal of American College of Surgeons.

INTUITIVE SURGICAL, INC.**Booth 415**

2166 Kifer Road, Building 101, Sunnyvale, California 94086 USA

www.intuitivesurgical.com

Intuitive Surgical, Inc. is the global technology leader in robotic-assisted, minimally invasive surgery. The Company's da Vinci® Surgical System offers breakthrough capabilities that enable cardiac surgeons to use a minimally invasive approach and avoid sternotomy.

MAQUET CARDIOVASCULAR**Booth 305**

170 Baytech Drive, San Jose, CA 95134 USA

www.maquet.com

The MAQUET Group is a global market leader for Medical Systems and is comprised of three specialty divisions: Surgical Workplaces, Critical Care and Cardiovascular. The MAQUET Cardiovascular division includes MAQUET cardiopulmonary products along with proven Cardiac and Vascular Surgery solutions previously offered by Boston Scientific and its predecessor Guidant.

MEDICALCV, INC.**Booth 307**

9725 South Robert Trail, Invergrove Heights, Minnesota 55077 USA

www.medcvinc.com

MedicalCV develops and markets laser-based surgical ablation systems for both cardiac and soft tissue. Its two main product lines are the ATRILAZE™ and SOLAR™ Surgical Ablation Systems which are both currently available for sale in the United States.



EXHIBITOR PRODUCT DESCRIPTIONS

- CONTINUED -

MEDISTIM USA

Booth 210

10200 73rd Avenue N., Ste. 112, Maple Grove, MN 55369 USA

www.medistim.com

MediStim is the world's leading provider of patency verification technologies that help cardiac surgeons deliver improved patient outcomes. Enhanced quality control is delivered through MediStim's highly validated transit time and Doppler ultrasonic modalities. Rest assured!

MEDTRONIC, INC.

Booth 405

710 Medtronic Parkway NE, Minneapolis, Minnesota 55432 USA

www.medtronic.com

Medtronic, global leader in medical technology, offers innovative adult/pediatric cardiac products for lifetime patient management in areas such as structural heart disease and revascularization. Key technologies include valve repair/replacement, minimally invasive/off-pump techniques, irrigated radio frequency ablation, CPB technology, transcatheter valve technology, skills-based EDGE(SM) training programs.

nCONTACT SURGICAL, INC.

Booth 316

1001 Aviation Parkway, Ste. 400, Morrisville, NC 27560 USA

www.ncontactsurgical.com

nContact Surgical, Inc. is a medical device company whose technology is the integration of suction, perfusion, and RF energy. Its elegance is in its simplicity. nContact features the FDA cleared VisiTrax™ Systems for coagulation of cardiac tissue for traditional and minimally invasive approaches.

NOVADAQ TECHNOLOGIES, INC.

Booth 309

2585 Skymark Avenue, Suite 306, Mississauga, Ontario L4W 4L5 Canada

www.novadaq.com

Novadaq Technologies develops medical imaging and image guided therapeutic systems for the operating room. Novadaq markets the SPY® Imaging System for the intra-operative assessment of coronary bypass grafts, the PINPOINT™ Autofluorescence Endoscopic System for use in the surgical management of lung cancer and the CO2 HEART LASER™ for Transmyocardial Revascularization.

PLUROMED

Booth 413

25H Olympia Avenue, Woburn, MA 01801 USA

Pluromed is pioneering atraumatic gel plugs to replace clamps, occlusion balloons or vessel loops in cardiac and vascular surgery; lung, kidney, and liver surgery; and organ transplant. Pluromed's LeGoo™, CE-Marked for transient vascular occlusion, is being used in European hospitals to provide a bloodless surgical field and/or occlude calcified arteries.

SCANLAN INTERNATIONAL, INC.

Booth 400

One Scanlan Plaza, Saint Paul, Minnesota 55107 USA

www.scanlaninternational.com

Highest quality surgical products designed and manufactured by the Scanlan family since 1921. Over 3,000 titanium and stainless steel instruments including: SCANLAN® LEGACY titanium forceps, full line of VATS / MICS minimally invasive instruments; single-use products including SCANLAN® Aorta/Vein Punch and VASCU-STATT® bulldog clamps and Surgical Acuity magnification loupes

ST. JUDE MEDICAL

Booth 211

807 Las Cimas Parkway, Suite 400, Austin, TX 78746

www.sjm.com

St. Jude Medical is dedicated to making life better for patients worldwide through excellence in medical device technology and services. Visit booth 5240 to see our innovative solutions for the cardiac surgeon, featuring the Epic™ Stented Tissue Valve and the Epicor™ Cardiac Ablation System.

VITALITEC INTERNATIONAL, INC.

Booth 313

10 Cordage Park Circle, Suite 100, Plymouth, MA 02360 USA

www.vitalitec.com, www.geister.com

Vitalitec manufactures the Cygnet flexible aortic cross clamp used for MIS CV surgery and a full range of temporary atraumatic cross clamps, inserts, bulldogs and a high performance manual ligation line. Vitalitec also distributes the Geister Valvigate MIS instrumentation and the full range of open CV instruments and retractors.

WEXLER SURGICAL SUPPLIES

Booth 317

11333 Chimney Rock Road, #110, Houston, Texas 77035 USA

www.wexlersurgical.com

Wexler Surgical Supplies designs and manufactures a variety of titanium and stainless steel specialty surgical instruments and products for Cardiac, Vascular, Thoracic, and Micro Surgery. Visit us online at www.wexlersurgical.com for information about our products and services.

Industry Symposia

These topic-driven didactic sessions provide attendees with current, detailed information on new techniques and technologies.

**ACATI
ESTECH
CSL Behring K.K.
Edwards Lifesciences
MAQUET
Medtronic, Inc.**

Hands-On Sessions

These hands-on stations provide attendees the opportunity to "test-drive" new techniques and technologies, and observe demonstrations of the correct procedures.

**Cardica, Inc.
St. Jude**

Unless otherwise noted, these symposia and sessions do not award CME credits.



5TH ISMICS CONSENSUS CONFERENCE: STENTLESS VS STENTED AORTIC VALVES

The 2008 ISMICS Expert Consensus Conference on Stentless vs Stented Aortic Valves was held April 11-13 at the Sir Christopher Wren's House Hotel & Spa in Windsor, England. An international panel of experts in the field met for two days to review the current evidence, research, questions, and meta-analysis available. After an initial overall review, the members broke into working groups to address questions and then reconvened to work on the final consensus.

Chair: **John Pepper, MD, FRCS, UK**
Royal Brompton Hospital, London, England

Researcher: **Davy Cheng, MD, MSc, FRCPC, FCAHS**
London Health Sciences Centre, London, Ontario, Canada

Statistician: **Janet Martin, PhD**
London Health Sciences Centre, London, Ontario, Canada

Panelists:

Geoffrey Berg, ChM, FRCS
Golden Jubilee National Hospital, Clydebank, Scotland

Francis D Ferdinand, MD
The Lankenau Hospital, Wynnewood, PA

W R Eric Jamieson, MD
University of British Columbia, Vancouver, Canada

Guido Sani, MD
Siena, Italy

Rex De Lisle Stanbridge, MD, FRCS, FRCP
St. Mary's Hospital, London, England

Paul Stelzer, MD
Mt. Sinai Hospital, New York, NY



(Pictured from left to right) Francis Ferdinand, John Pepper (Chair), Janet Martin, Paul Stelzer, Davy Cheng, Geoffrey Berg, Rex Stanbridge, Guido Sani, Eric Jamieson.



The formal report of the Expert Consensus Panel will be presented by Dr. John Pepper on Friday, June 13 at 10:30 a.m. and will be published in an upcoming issue of *INNOVATIONS*.

PREVIOUS ISMICS CONSENSUS STATEMENTS

2007 Video-Assisted Thoracic Surgery in Lung Cancer Resection: Is VATS Lobectomy Advancing Patient Care

2006 Transmyocardial Revascularization (TMR)

2005 Endoscopic Vascular Harvesting

2004 Off-Pump Surgery



ISMICS Winter Workshop 2008

November,
14 (Fri.) - 16 (Sun.)

International Society of Minimally Invasive Cardiovascular and Thoracic Surgery

Conference Theme:

Least Invasive Surgery and its Financial Consideration



JAPAN
OKINAWA

President:

Go Watanabe M.D.

Department of General and Cardiothoracic Surgery,
Kanazawa University School of Medicine

Venue:

Bankoku Shinryokan,

1792 Kise Nago, Okinawa, 905-0026, Japan

Call for Abstracts:

<http://ismics2008winterworkshop.org>

Abstract Submissions Opens : February 12, 2008

Closes : August 12, 2008

Head Office for the ISMICS 2008:

c/o Department of General and Cardiothoracic Surgery,
Kanazawa University Medical School

E-mail: info@ismics2008winterworkshop.org

<http://ismics2008winterworkshop.org>



Joint Conference



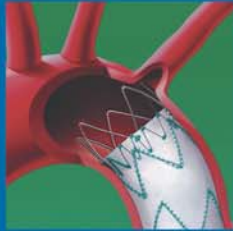
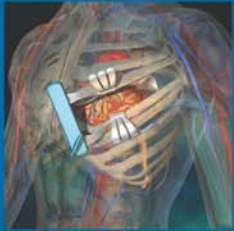
日本ロボット外科学会
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International Society for Minimally Invasive Cardiothoracic Surgery

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