The Society for Heart Valve Disease & Heart Valve Society of America

7th Biennial Meeting

22 – 25 June 2013

Palazzo Del Casino

Venice, Italy

PRELIMINARY PROGRAM - SUBJECT TO CHANGE

All presentations: 15 minutes in length + 5 minutes of discussion

POSTGRADUATE COURSE (Sala Perla)

"Valvular Disease in 2012" Sunday, June 22 Course Directors: Michael Borger, Gino Gerosa, Maurice Sarano

| 07:00 - 07:50 | Registration, Buffet Breakfast |
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| 07:50 - 08:00 | Welcome Michael Borger, MD |
| 08:00 – 10:00 | "Echocardiography" cosponsored by the European Association of Echocardiography) Moderators: David Adams, MD, Patrice Lancellotti, MD |
| 08:00 - 08:20 | "TEE assessment of MV and TV: The basics" Alain Berrebi, MD |
| 08:20 - 08:40 | "3D echocardiography for all mitral valve patients?" Robert Levine, MD |
| 08:40 – 09:00 | "Low flow, low gradient, normal EF aortic stenosis: Diagnois and management" Jean Dumesnil, MD |
| 09:00 - 09:20 | "Echocardiographic assessment of paravalvular leaks" Joe Maalouf, MD |
| 09:20 - 09:40 | "Insights into ischemetic mitral regurgitation" Patrice Lancellotti, MD |
| 09:40 - 10:00 | Coffee Break |
| 10:00 – 12:00 | Mitral and Tricuspid Valve Surgery Moderators: Gino Gerosa, MD, Robert Dion, MD |
| 10:00 – 10:20 | "Mitro valve anatomy and anomalies" Cristina Basso, MD |

| 10:20 – 10:40 | "Mitral repair for Barlows disease" David Adams, MD |
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| 10:40 – 11:00 | "TEE for MV repair surgery: Keeping the surgeon honest" Jörg Ender, MD |
| 11:00 – 11:20 | "Mitral valve repair for rheumatic disease" Jeswant Dillon, MD |
| 11:20 – 11:40 | "Principles of tricuspid valve surgery" Robert Dion, MD |
| 11:40 – 12:00 | "Transcutaneous interventions on the mitral and tricuspid valve" David Holzhey, MD |
| 12:00 – 13:00 | Lunch and Visit Booths |
| 13:00 – 17:00 | TAVR (Cosponsored with the European Association of Percutaneous Cardiovascular Interventions) |
| | Moderators: Michael Borger, MD, Patrick Serruys, MD |
| 13:00 – 13:20 | "VARC guidelines: Putting everyone on a level playing field" Nicolo Piazza, MD |
| 13:20 – 13:40 | "TAVR randomized trials: Current status" Patrick Serruys, MD |
| 13:40 – 14:00 | "Developments in transapical TAVR" Joerg Kempfert, MD |
| 14:00 – 14:20 | "Developments in transfemoral TAVR" Axel Linke, MD |
| 14:20 – 14:40 | "Aortic valve specialist of the future: Hybrid training for hybrid specialists?" <i>Michael Davidson, MD</i> |
| 14:40 – 15:00 | Coffee Break |
| 15:00 – 17:00 | "Aortic valve surgery" Moderators: Gebrine El-Khoury, MD, Maurice Sarano, MD |
| 15:00 – 15:20 | "Asymptomatic aortic valve stenosis: Can it wait?" |
| | Michael Borger (Leipzig) |
| 15:20 – 15:40 | "Asymptomatic severe aortic stenosis: When to refer, when to wait?" Raphael Rosenhek, MD |
| 15:40 – 16:00 | "Bioprosthetic valves: Is durability really the bottleneck?" Johanna Takkenberg, MD |

| 16:00 – 16:20 | "Surgery for low gradient aortic stenosis" Ani Anyanwu, MD |
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| 16:20 – 16:40 | "Minimal invasive AVR with sutureless / rapid deployment aortic valves" <i>Matthia Glauber, MD</i> |
| 16:40 – 17:00 | "Aortic valve repair: Which procedure for which patient?" Gabrine El-Khoury, MD |
| 17:00 – 18:00 | Biennial Meeting Welcome Reception (Atrium) |

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MAIN SCIENTIFIC PROGRAMME -

Sunday, June 23

| 08:00 – 08:15 | Welcome Gino Gerosa, MD | | |
|---------------|--|---|--|
| 08:15 – 10:00 | Plenary Session: C. Walton Lillehei Award Moderators: Gino Gerosa, MD, Jose Pomar, MD, Jeffrey Borer, MD, Maurice Sarano, MD | | |
| 10:00 – 10:30 | Poster Session I and Refreshments | | |
| 10:30 – 11:30 | Presidential Address Gino Gerosa, MD | | |
| 11:30 – 13:00 | Plenary Session: Top Rated Abstracts II Moderators: Michael Borger, MD, Robert Bonow, M | MD. | |
| 13:00 – 14:00 | Lunch | | |
| 14:00 | Mitral Valve Repair I Moderators: Ottavio Alfieri, MD, Fred Mohr, MD Valve Replacement I Moderators: Tomislav Mihaljevic, MD, Jose Pomar, Valve Biology I Break Moderators: Adrian Chester, MD | Main Auditorium (Sala Perla) Breakout Room 1 (Sala Delle Feste) MD out Room 2 (Sala Mosaici 1) | |
| 14:00 – 14:15 | "20 years of the edge-to-edge repair: What have we learned?" Alfieri, MD "When should the ischemic mitral valve be replaced?" Mihaljevic, MD "Role of inflammation in heart valve disease" Breake Chester, MD | Main Auditorium (Sala Perla) Breakout Room 1 (Sala Delle Feste) out Room 2 (Sala Mosaici 1) | |
| 14:15 – 14:30 | "Surgery for myxomatous disease in the era of transcutaneous therapy" <i>Mohr, MD</i> "New developments in mechanical valve replacement therapy" <i>Pomar, MD</i> | Main Auditorium (Sala Perla) Breakout Room 1 (Sala Delle Feste) | |

| 14:30 – 15:30 | TBD | |
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| 15:30 – 16:00 | 6 papers x 15 minutes | Main Auditorium (Sala Perla) |
| | 6 papers x 15 minutes | Breakout Room 1 (Sala Delle Feste) |
| 16:00 – 16:30 | Poster Session I (cont.) and Refreshments | Main Auditorium (Sala Perla) |
| | Poster Session I (cont.) and Refreshments | Breakout Room 1 (Sala Delle Feste) |
| | Poster Session I (cont.) and Refreshments | Breakout Room 2 (Sala Mosaici 1) |
| 16:30 | Ross/Homograft | Main Auditorium (Sala Perla) |
| | Moderators: Roland Hetzer, MD, Hans Sievers, MD Aortic Valve Repair | Breakout Room 1 (Sala Delle Feste) |
| | Moderators: Jochen Schaefers, MD, TBD Tissue Engineering I Moderators: Simon Hoerstrup, MD, Artur Litchenberg | Breakout Room 2 (Sala Mosaici 1) |
| 16:30 – 16:45 | "Homografts for destructive endocarditis" Hetzer, MD | Main Auditorium (Sala Perla) |
| | "Matching the aortic valve sparing procedure to the patient" | Breakout Room 1 (Sala Delle Feste) |
| | Schaefers, MD "Prenatally engineered autologous heart valves: Reality or science fiction?" | Breakout Room 2 (Sala Mosaici 1) |
| | Hoerstrup, MD "Asymptomatic MR. When to intervene?" Sarano, MD | Breakout Room 3 (Sala Mosaici 2) |
| 16:45 – 17:00 | "The Ross procedure: Working towards mature's valve" Sievers, MD | litorium (Sala Perla) |
| | TBD | Breakout Room 1 (Sala Delle Feste) |
| | "Rising technologies for engineering heart valves - cellular and extracellular cues from bench to be | Breakout Room 2 (Sala Mosaici 1) d" |
| | Lichtenberg, MD "Aortic stenosis patients undegoing non-cardiac surgery: What to do?" Carabello, MD | Breakout Room 3 (Sala Mosaici 2) |
| 17:00 – 18:00 | 4 papers x 15 minutes | Main Auditorium (Sala Perla) |
| | 4 papers x 15 minutes | Breakout Room 1 (Sala Delle Feste) |
| | 4 papers x 15 minutes | Breakout Room 2 (Sala Mosaici 1) |
| | 4 papers x 15 minutes | Breakout Room 3 (Sala Mosaici 2) |
| 18:00 – 18:30 | Annual General Meeting (Members Only) | |
| 18:30 – 19:00 | Wine Reception in Poster Hall | |

| 08:00 | Mitral Valve Repair II Moderators: David Adam, MD, Jeroen Bax | Main Auditorium (Sala Perla) |
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| | Forum: "Robotic and minimal invasive mitral valve surgery" Evelio Rodriguez, MD | Breakout Room 1 (Sala Delle Feste) |
| | Forum: "Aortic valve repair" Lansac, MD | Breakout Room 2 (Sala Mosaici 1) |
| | Congenital Helmut Baumgartner, MD, Chris Caldarone, MD | Breakout Room 3 (Sala Mosaici 2) |
| 08:00 – 08:15 | "Can we achieve 100% mitral valve repair rates?" <i>Adams, MD</i> | Main Auditorium (Sala Perla) |
| | "Aortic stenosis in childhood: What are the options?" <i>Baumgartner, MD</i> | Breakout Room 3 (Sala Mosaici 2) |
| 08:15 – 08:30 | "Three dimensional echocardiography for mitral valve disease: Should it be mandatory?" <i>Bax, MD</i> | Main Auditorium (Sala Perla) |
| | "Atrioventricular valve repair in single ventricle physiology" Chris Caldarone, MD | Breakout Room 3 (Sala Mosaici 2) |
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| 08:30 – 10:00 | 6 Papers x 15 Minutes 6 Papers x 15 Minutes | Main Auditorium (Sala Perla) Breakout Room 3 (Sala Mosaici 2) |
| 10:00 – 10:30 | Poster Session II and Refreshments | |
| 10:30 – 12:30 | Transcutaneous valve therapy: Mitral Moderators: Alec Vanahaian, MD, Francesco Maisano | Main Auditorium (Sala Perla) , <i>MD</i> |
| | Forum: "SHVD / Japanese Heart Valve Disease Joint Session" | Breakout Room 1 (Salla Delle Feste) |
| | Masati Okita, MD Forum: "Mitral valve biology" Moderators: Robert Levine, MD, Adrian Chester, MD | Breakout Room 2 (Sala Mosaici 1) |
| | Anti-Thrombotic Therapy Moderators: Heinrich Koertke, MD, John Chambers, M | Breakout Room 3 (Sala Mosaici 2) |
| 10:30 – 10:45 | "Percutaneous edge-to-edge repair: what does the future hold? | Main Auditorium (Sala Perla) |
| | Vahanian, MD "Patient self-management of anti-thrombotic medications" Koertke, MD | Breakout Room 1 (Salla Delle Feste) |
| 10:45 – 11:00 | "New transcutaneous mitral valve devices" | Main Auditorium (Sala Perla) |
| | Maisano, MD "Effect of valve type on anticoagulation dosing for mechanical valves" Chambers, MD | Breakout Room 3 (Sala Mosaici 2) |
| 11:00 – 12:30 | 6 Papers x 15 Minutes 6 Papers x 15 Minutes | Main Auditorium (Sala Perla) Breakout Room 3 (Sala Mosaici 2) |

| 12:30 – 13:30 | Lunch | |
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| 13:30 – 14:30 | Honorary Lecture: "Innovation in heart valve surgery" <i>Tirone David, MD</i> | |
| 14:30 – 15:30 | Top Rated Abstracts II (4 Papers x 15 Minutes) Moderators: Adrian Chester, MD, Hartzell Schaff | |
| 15:30 – 16:00 | Poster Session II (cont.) and Refreshments | |
| 16:00 | Transcutaneous valve therapy: Aortic I Moderators: Thomas Walther, MD, Nicolo Piazza, MD Device Moderators: Ranny Chitwood, MD, Martin Misfeld, MI Endocarditis Moderators: Jae-Won Lee, MD, Carlos Mestres, MD Imaging Moderators: Matthias Gutberlet, MD, Robert Gorman | Breakout Room 1 (Salla Delle Feste) |
| 16:00 – 16:15 | "TAVI: Transapical access should be the first choice" Walther, MD "What does the future valve surgeon look like? Chitwood, MD "Early surgery for infective endocarditis" Lee, MD "MRI for heart valve disease: When and why?" Gutberlet, MD | Main Auditorium (Sala Perla) Breakout Room 1 (Salla Delle Feste) Breakout Room 2 (Sala Mosaici 1) Breakout Room 3 (Sala Mosaici 2) |
| 16:15 – 16:30 | "TAVI: Transfemoral access should be the first choice" <i>Piazza, MD</i> "Sutureless aortic valves" <i>Misfeld, MD</i> | Main Auditorum (Sala Perla) Breakout Room 1 (Salla Delle Feste) |
| | "Does valve prothesis type matter during endocarditis surgery?" Mestres, MD "Mechanistic insights gained from 3D TEE" Gorman, MD | Breakout Room 2 (Sala Mosaici 1) Breakout Room 3 (Sala Mosaici 2) |

08:00 Transcutaneous valve therapy: Aortic II Main Auditorium (Sala Perla) Moderators: David Cohen, MD, Volkmar Falk, MD Valve Replacement II Breakout Room 1 (Salla Delle Feste) Moderators: Ismail El-Hamamsy, MD, Jean Dumesnil, MD Tissue Engineering II Breakout Room 2 (Sala Mosaici 1) Moderators: Gino Gerosa, MD, Tricuspid Valve Breakout Room 3 (Sala Mosaici 2) Moderators: Robert Klautz, MD, Alain Berrebi, MD 08:00 - 08:15"Quality of life post-TAVR: Main Auditorium (Sala Perla) Where's the evidence?" Cohen, MD "Biologic room replacement: Breakout Room 1 (Salla Delle Feste) Matching the valve to the patient" El-Hamamsy, MD "Testing and development of tissue Breakout Room 2 (Sala Mosaici 1) engineered heart valves" Gerosa, MD "Should tricuspid valve repair be Breakout Room 3 (Sala Mosaici 2) performed more commonly?" Klautz, MD 08:15 - 08:30"New TAVR devices: Where are we going? Main Auditorium (Sala Perla) Falk, MD "Patient-prosthesis mismatch Breakout Room 1 (Salla Delle Feste) post-mitral valve replacement" Dumesnil, MD "Extracellular matrix production: Breakout Room 2 (Sala Mosaici 1) Role in tissue engineered heart valves" Chester, MD "Echocardiographic assessment Breakout Room 3 (Sala Mosaici 2) of the tricuspid valve" Berrebi, MD 08:30 - 10:006 Papers x 15 Minutes Main Auditorium (Sala Perla) 6 Papers x 15 Minutes Breakout Room 1 (Salla Delle Feste) 6 Papers x 15 Minutes Breakout Room 2 (Sala Mosaici 1) 6 Papers x 15 Minutes Breakout Room 3 (Sala Mosaici 2) 10:00 - 10:30**Poster Session II and Refreshments** 10:30 Minimal Invasive Surgery Main Auditorium (Sala Perla) Moderators: Michael Borger, MD, Hugo Vanermen, MD Functional MR Breakout Room 1 (Salla Delle Feste)

Moderators: Robert Dion, MD, Luc Pierard

Valve Biology II Breakout Room 2 (Sala Mosaici 1)
Inflammatory Heart Disease Breakout Room 3 (Sala Mosaici 2)

Moderators: Takeewasak Chotivatanapong, MD, Eloi Marijon

10:30 – 10:45 "Evidence for minimal invasive Main Auditorium (Sala Perla)

aortic valve surgery"

Borger, MD

| | "Achieving optimal results in functional MR" Dion, MD "Rheumatic mitral valve surgery" Chotivatanapong, MD | Breakout Room 1 (Salla Delle Feste) Breakout Room 3 (Sala Mosaici 2) |
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| 10:45 – 11:00 | "Is minimal invasive mitral valve surgery learnable?" Vanermen, MD | Main Auditorium (Sala Perla) |
| | "Is exercise echo mandatory for functional MR patients?" Pierard, MD | Breakout Room 1 (Salla Delle Feste) |
| | "Echocardiographic assessment of rheumatic valve disease" Marijon, MD | Breakout Room 3 (Sala Mosaici 2) |
| 11:00 – 12:30 | 6 Papers x 15 Minutes 6 Papers x 15 Minutes 6 Papers x 15 Minutes 6 Papers x 15 Minutes | Main Auditorium (Sala Perla) Breakout Room 1 (Salla Delle Feste) Breakout Room 2 (Sala Mosaici 1) Breakout Room 3 (Sala Mosaici 2) |