

Minimally Invasive Cardiac Surgery
and Non Conventional Interventional Cardiology

MICS
2018
Mitral Conferences

www.mics2018.it
www.mitralacademy.it

The Mitral Conferences
promoted by
Mitral Academy

JUNE 8-9, 2018
ROME ITALY



President **MICS 2018**
Giuseppe Speziale

Conference Directors **MICS 2018**
David Adams
Khalil Fattouch
Patrizio Lancellotti

MICS 2018

Mitral Conferences

President MICS 2018
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WELCOME ADDRESS

Research, innovation, interdisciplinary approach: these are the major pillars of MICS.

GIUSEPPE SPEZIALE

National Coordinator Cardiac Surgical Units, GVM Care&Research, Vice President GVM Care&Research

MICS 2018 is a two-day symposium focused specifically on the newest issues of minimally and ultra-minimally invasive and robotic mitral, tricuspid, atrial fibrillation surgery and less conventional catheter based mitral procedures.

This Conference is organized by the Mitral Academy, a cultural association whose goals include a common work platform dedicated to the progress gained in the medical-scientific field by mitral valve surgery.

MICS 2018 is addressed to cardiac surgeons, interventional and non-interventional cardiologists, anesthesiologists and perfusionists involved in minimally invasive mitral valve surgery, ranging from basic diagnosis to advanced treatment.

World Opinion Leaders in this field have been invited as Faculty to share their experience with the audience.

Giuseppe Speziale

THE MITRAL ACADEMY



MITRAL ACADEMY

AN INSTITUTION FOR MITRAL EXCELLENCE

The process of repairing the mitral valve is complex and requires a long learning and training curve.

In addition, a surgeon's performance may vary over time. This is the reason why a continuous monitoring and mentoring system is necessary.

The Mitral Academy therefore arises out of the need to establish a real 'cultural platform', a meeting point for heart surgeons 'keen on' mitral surgery, where sharing mitral culture at a different level can be possible.

The Mitral Academy is made up by international cardiac surgeons, opinion leaders who will use a formal - theoretical and practical - teaching system, in different periods of the year.

Fellowships are foreseen as integral parts of the practical-theoretical training course.

Academy Directors:

DAVID ADAMS / 1

Professor and Chairman of the Department of Cardiovascular Surgery, The Mount Sinai Hospital, New York (USA)

KHALIL FATTOUCH / 2

Professor and Lead Clinician, Department of Cardiac Surgery, Maria Elenora Hospital, GVM Care&Reserach, Palermo (Italy)

PATRIZIO LANCELLOTTI / 3

Professor and Head of Intensive Care Cardiology Unit, Professor of Clinical Medicine, University of Liège (Belgium)





Faculty Board MICS 2018:

OTTAVIO ALFIERI / 4

Professor of Cardiac Surgery,
S. Raffaele University Hospital, Milan (Italy)

GILLES DREYFUS / 5

Professor of Cardiovascular Surgery,
University René Descartes, Paris
and Professor of Cardiovascular Surgery,
Imperial College, London (France / UK)

GEBRINE EL KHOURY / 6

Head of Cardiovascular and Thoracic Surgery
Department at Saint-Luc Hospital
and Professor at Université Catholique
de Louvain (UCL), Brussels (Belgium)

ROBERTO FERRARI / 7

Chair of Cardiology, University of Ferrara (Italy)

GINO GEROSA / 8

Professor of Cardiac Surgery, Padua University and Head
of Cardiac Surgery Unit, Padua University Hospital (Italy)

ROBERT J.M. KLAUTZ / 9

Professor and Chair Department
of Cardio-Thoracic Surgery
Leiden University Medical Center
Leiden (The Netherlands)

RUEDIGER LANGE / 10

Head of Department of Heart and Vascular Surgery,
German Heart Centre, Munich (Germany)

AZEEM LATIB / 11

Senior Interventional Cardiologist
Interventional Cardiology Unit
San Raffaele Hospital and EMO-GVM
Centro Cuore Columbus, Milan (Italy)

THOMAS MODINE / 12

Consultant Cardiac Surgeon
and Structural Heart Specialist, Chru de Lille (France)
and Jiaotong University, Shanghai (China)

LUC PIERARD / 13

Head of Department of Cardiology,
University Hospital Sart Tilman, Liège (Belgium)
Chair, ESC Council in Valvular Heart Disease

GIUSEPPE TARANTINI / 14

Professor and Head of Interventional Cardiology,
University of Padua (Italy)

SHUICHIRO TAKANASHI / 15

Sakakibara Heart Institute,
Department of Cardiovascular Surgery, Tokyo (Japan)

**FRIDAY
8 JUNE**

**st
DAY**

8.00 Registration and Coffee

8.20 Welcome Address

8.50-9.50

SESSION 1 INDICATIONS FOR TREATMENT

Chairs:

G. Dreyfus, M. Garbi, R. Rosenhek

Timing of mitral valve repair for degenerative mitral regurgitation

Y. Okada

Timing of mitral valve surgery in secondary mitral regurgitation

R. Klautz

Timing for mitral valve surgery in endocarditis

P. Lancellotti

Heart team in the mitral valve pathway: myth or reality?

M. Massetti

Valve remodeling in degenerative mitral regurgitation

T. Asai

Q&A

Discussants: **A. Albertini, R. Gregorini, G. Mazzei**

9.50-10.40

SESSION 2 JOINT SESSION WITH SIECVI

Chairs:

F.E. Agrò, F. Benedetto, C. Zito

Main echo findings useful for surgery in functional mitral regurgitation

G. La Canna

Novelties in 3D echocardiography

M. Pepi

Mitral regurgitation associated with aortic valve disease: pearls and pitfalls from echo

F. Antonini-Canterin

2D and 3D Echo useful for repair in degenerative Mitral Regurgitation

P. Lancellotti

Q&A

Discussants: **S. Carerj, P. Caso, R. Citro**

10.40-11.30

SESSION 3 DEGENERATIVE MITRAL VALVE DISEASE

Chair:

R. De Paulis, F. Miraldi, L. Monti

The Morphology: Learning how to Strategize like a Reference Surgeon

D. Adams

The symptoms - Truly vs not asymptomatic patient

R. Rosenhek

The ventricle - Normal vs "subclinical" vs over systolic dysfunction

M. Garbi

Pulmonary pressure

P. Lancellotti

Q&A

Discussants: **S. Caparrotti, G. Mottola, C. Zebele**

11.30-12.00

LIVE IN BOX SURGICAL TECHNIQUES: HOW I REPAIR

Chairs: **D. Adams, K. Fattouch, R. Klautz**

The Posterior leaflet

G. El Khoury

The Fuji Technique

H. Arai

Anterior leaflets

R. Lange

Commissures

G. Dreyfus

Bi leaflets

D. Adams

Butterfly technique

T. Asai

Relock approach

**G. Speziale,
M. Moscarelli**

Q&A

Discussants: **E. Coscioni, M. Glauber, C. Mignosa**

12.00-12.20

KEYNOTE LECTURE

Presented by **K. Fattouch**

Raising Our Standards

D. Adams

Q&A

12.30-13.45 Lunch

13.45-14.55

SESSION 4 MINIMALLY INVASIVE SURGERY

Chairs: **M. Diena, R. Lange, M. Rinaldi**

Why to start minimally invasive mitral valve surgery program

M. Glauber

Patients selection

K. Fattouch

Robotic surgery

F. Musumeci

Total videoscopic minimally invasive approach

L. Salvador

Periareolar approach

M. Solinas

3-port 3D endoscopic mitral valve surgery using "windows technique"

T. Ito

Q&A

Discussants: **E. Greco, D. Paparella**

14.55-15.25

GLADIATORS SESSION MINIMALLY INVASIVE AS STANDARD OF CARE

Chairs: **D. Adams, G. El Khoury, R. Klautz**

1. Sternotomy and robotic are the gold standard
G. Dreyfus
2. Endoscopy minimally invasive approach for all
R. Lange

15.25-16.05

KEYNOTE LECTURES

Presented by **K. Fattouch**

The 100% repair and 100% minimally invasive

G. Speziale

Mitral Valve repair in endocarditis

G. El Khoury

16.05-17.00

SESSION 5 LONE AND CONCOMITANT ATRIAL FIBRILLATION

Chairs: **S. Iacopino, C. Lavalle, C. Muneretto**

Concomitant AF surgery

C. Muneretto

Lone AF surgery Patient Selection

A. Curnis

Lone AF surgery

G. Nasso

Hybrid approach to alone AF

G. De Martino

Q&A

Discussants: **M. Ciccone, C. Comoglio, G. Del Prete**

ADJ

**SATURDAY
9 JUNE**

**nd
DAY**

8.30-9.30

**SESSION 6
JOINT SESSION
WITH GISE-SICCH
TRANSCATHETER MITRAL
AND TRICUSPID APPROACH**

Chairs:

A. Marchese, T. Modine, S. Tonioni

Transcatheter direct mitral valve annuloplasty

F. Maisano

Transcatheter indirect mitral valve annuloplasty

A. Latib

Transcatheter mitral replacement: clinical update and rationale

T. Modine

Transcatheter valve in valve or valve in ring

C. Grasso

Percutaneous solutions for secondary TR

A. Latib

Q&A

Discussants:

R. Lange, M. Mancone, T. Tesorio

9.30-10.10

**SESSION 7
MITRALCLIP**

Chairs:

D. Dudek, F. Fedele, F. Romeo

Indication and Real world experience

Y. Ohno

Quantitation of mitral regurgitation

L. Pierard

2D and 3D echo for percutaneous Mitral therapy

A. Berrebi

Q&A

Discussants:

F. De Felice, A. Latib, L. Patanè

10.10-11.00

SESSION 8 TRANSAPICAL PROCEDURES

Chairs: **D. Adams, G. Gerosa, O. Alfieri**
Transapical off pump chordal implantation:
devices and outcomes
L. Martinelli
Transapical mitral valve annuloplasty
G. Gerosa
Transapical mitral valve replacement
T. Modine
Transapical valve in valve and valve in ring
M. Cassese
Q&A
Discussant: **C. Antona, G. Iannelli, G. Luzi**

11.00-11.50

SESSION 9 CONCOMITANT TRICUSPID REGURGITATION

Chairs: **M. Chello, R. Di Bartolomeo, M. Di Biase**
Functional tricuspidal and right ventricular
anatomy
A. Calafiore
When to treat concomitant tricuspid
regurgitation
M. De Bonis
Annuloplasty and adjunctive techniques
G. Dreyfus
New criteria for TV repair based on its
morphology; 3D echo measurements of TV
annulus
S. Takanashi
Q&A
Discussants: **R. Coppola, V. Fiorani, P. Fratto**

11.50-12.00

Mitral Academy Awards Ceremony

12.00-13.00

KEYNOTE LECTURES

Presented by **G. Speziale**
The future of Heart Valve Therapy
O. Alfieri
Presented by **A. Marchese**
The Interventional Cardiology view
in transcatheter coronary
and structural interventions
A. Colombo
Presented by **G. Speziale**
The future of Cardiology
R. Ferrari

13.00-13.30

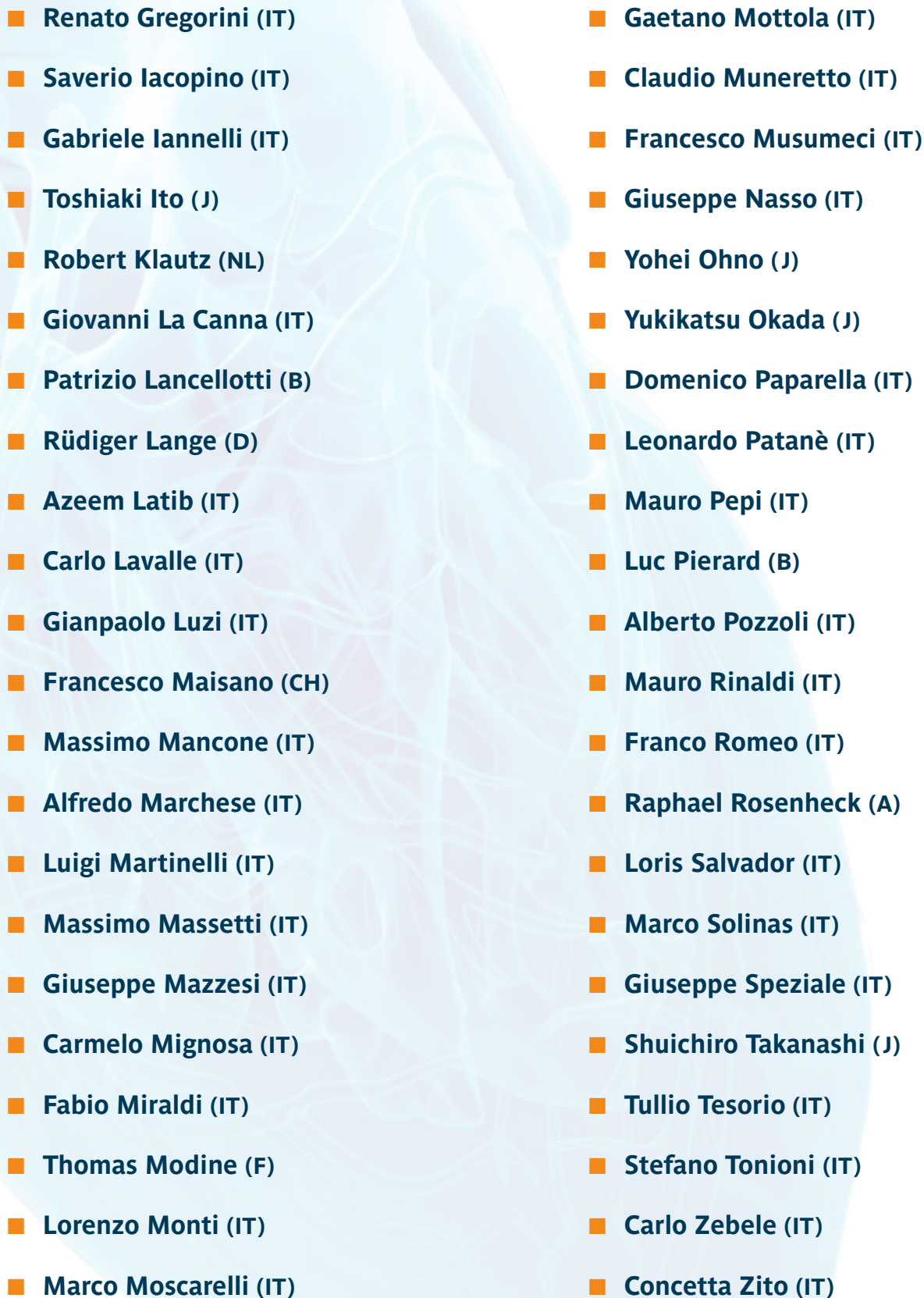
Q&A

13.30-13.40

Closing Remarks

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 - Shuichiro Takanashi (J)
 - Tullio Tesorio (IT)
 - Stefano Tonioni (IT)
 - Carlo Zebele (IT)
 - Concetta Zito (IT)



GENERAL INFORMATION

SCIENTIFIC INFORMATION

CONFERENCE VENUE

Pontificia Università Urbaniana
Via Urbano VIII, 16 00120 Rome - Italy

CME ACCREDITATION

The Conference has been assigned **n. 9,8 Italian CME credits** for Physicians (angiology, cardiology, internal medicine, cardiac surgery, general surgery, physical medicine, respiratory medicine, thoracic surgery, vascular surgery, anaesthesia and resuscitation, hygiene, epidemiology and public healthcare, occupational medicine and safety at work, general medicine (family doctors), cardio-circulatory physiopathology and cardiovascular perfusion Technicians and Nurses.

Provider ECM: Maria Cecilia Hospital (Provider n. 3409)

Training objective: Technical-professional contents (knowledge and expertise) specific of each profession, specialisation and ultra-speciality activity.

OFFICIAL LANGUAGE

English is the official language of the Conference. Simultaneous translation will be provided.

ATTENDANCE CERTIFICATES

Attendance Certificates will be made out upon request to all Participants at the end of the Conference.

LUNCH AND COFFEE POINTS

Lunch and coffee points will be served in the Conference venue.

REGISTRATION

■ On-site Registration: € 500,00 (Vat Included)

The Registration fee includes:

- Admission to scientific sessions
- Entrance in the exhibition area
- Conference kit
- Coffee Points and Lunch
- Attendance Certificate

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NOTES



A large area for taking notes, consisting of two columns of horizontal dotted lines. The left column contains 20 lines, and the right column contains 20 lines. The lines are evenly spaced and extend across most of the page width.





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ORGANIZING SECRETARIAT

MICS 2018 is promoted
by the Mitral Academy

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