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Minimally Invasive & Catheter Solutions

2026

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June 11-12, 2026

Hotel Excelsior

Via Partenope, 48

NAPLES (IT)

MICS2026

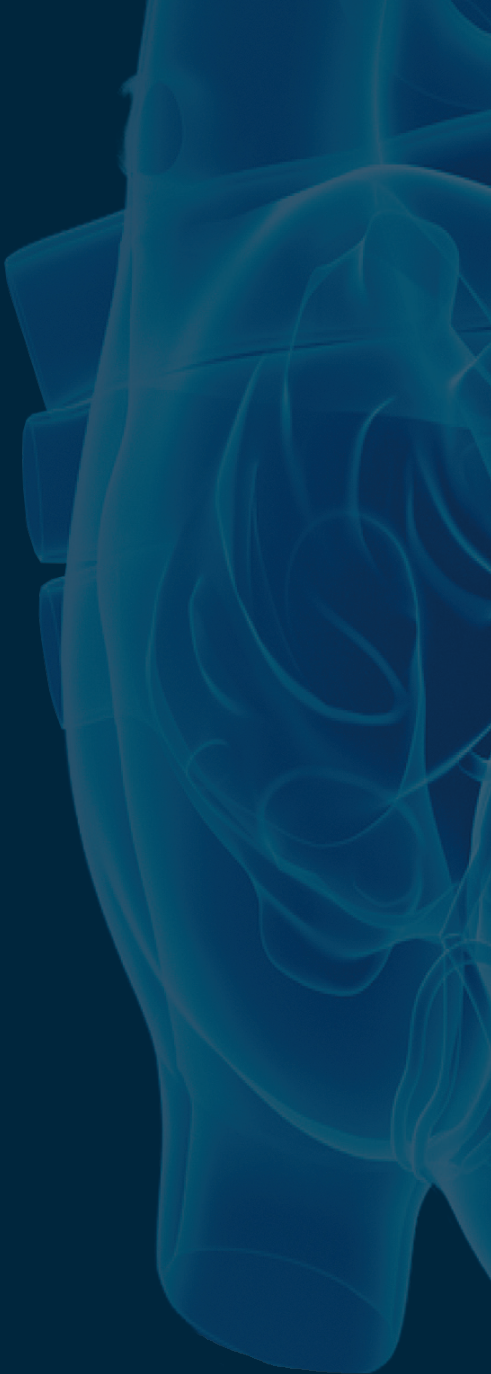
THE GLOBAL CONFERENCE

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MICS
Minimally Invasive
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WELCOME ADDRESS

Dear Colleagues,

It is my great pleasure to welcome you to MICS 2026 – Minimally Invasive & Catheter Solutions, which will take place in Naples on June 11–12, 2026.

MICS 2026 represents much more than a scientific meeting. It is a strategic platform where the most advanced frontiers of cardiovascular care converge, bringing together minimally invasive surgery and transcatheter therapies into a truly integrated vision.

Today, more than ever, the future of our discipline lies in the ability to overcome traditional boundaries and embrace a tailor-made approach, where innovation, clinical excellence, and patient-centered care come together to optimize outcomes and recovery.

The strength of this conference is reflected in the presence of global pioneers and key opinion leaders who have shaped the evolution of modern cardiology and cardiac surgery. Through their experience and vision, we will explore the current and future management of coronary and valvular diseases, with a specific focus on the aortic, mitral, and tricuspid valves, alongside the latest developments in arrhythmology, including new ablation technologies and hybrid strategies for complex patients.

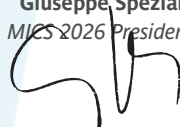
A distinctive moment of this edition will be the “Care Revolution” session, dedicated to the transformative impact of Artificial Intelligence and digital innovation in healthcare. We will discuss how these technologies are redefining the patient journey—moving from reactive medicine to a predictive, personalized, and data-driven model of care, capable of enhancing both clinical outcomes and system sustainability.

Naples, with its unique energy and cultural heritage, will host this dynamic exchange of knowledge, featuring multidisciplinary Heart Team discussions and “Live in the Box” sessions, designed to translate innovation into daily clinical practice.

I am confident that MICS 2026 will be a pivotal moment for our community—an opportunity not only to share knowledge, but to shape the future of cardiovascular medicine together.

I look forward to welcoming you in Naples.

Giuseppe Speziale
MICS 2026 President



THURSDAY JUNE 11 2026

PROGRAM

st day

- 13.30** Welcome and Introduction
**Ettore Sansavini, Giuseppe Speziale,
Roberto Fico, Ugo Trama,
Gaetano Manfredi**

SESSION 1 TREATMENT OF ISCHEMIC HEART DISEASE

- Chairs:* **Pasquale Mastroberto,
Alessandro Parolari,
Mauro Rinaldi,
Giuseppe Massimo Sangiorgi**

- 14.00** Coronary Artery Disease
Revascularization: From latest
ESC/EACTS Guidelines to New
Frontiers
Alfredo Marchese

- 14.10** CABG in the Modern Era:
From Trials to Real-World Practice
Mario Gaudino

- 14.20** Challengers Perspectives
Challengers: **Antonio Maria Calafiore,
Roberto Coppola, Sotirios Prapas**

LIVE IN THE BOX

- 14.30** Hybrid Coronary Revascularization
in a High-Risk Patient with
Complex Left Main Disease:
MIDCAB LIMA-LAD as Surgical
Component of a BEST Strategy
with PCI Completion
Vito Margari
Challenger: **Alfredo Marchese**

- 14.37** Robotic CABG
Emiliano Navarra
Challenger: **Umberto Benedetto**

SESSION 2 CORONARY ARTERY DISEASE: IMAGING AND CARDIOMETABOLIC PERSPECTIVES

Chairs: **Pasquale Perrone Filardi,
Tullio Tesorio, Carlo Zebele**

14.45 Coronary CT and Advanced Imaging in the Diagnostic Pathway of Coronary Artery Disease

Gianluca Pontone

Challenger: **Gaetano Mottola**

14.55 Stable and Vulnerable Atherosclerotic Plaque: Pathophysiology and Clinical Implications

Marino Scherillo

Challenger: **Nicola Castaldini**

New Trends in Cardiovascular Therapies

15.05 Cardiovascular Risk in Obesity and Diabetes

Giuseppe Musumeci

15.15 Optimizing Oral Lipid-Lowering Therapy in Patients at Cardiovascular Risk

Giuseppe Patti

15.25 Injectable Lipid-Lowering Therapies: Current Evidence and Emerging Perspectives

Paolo Calabrò

15.35 Challenger Perspectives

Challengers: **Alessandro Furgieri,
Simone Ventra**

SESSION 3 AORTIC REGURGITATION AND ROOT DISEASE

PART I

State of the Art in Repair and Root Surgery

Chairs: **Alberto Albertini, Marisa De Feo,
Marco Diena, Giuseppe Speziale**

KEY LECTURES

15.45 The Ozaki Technique: A New Paradigm in Aortic Valve Reconstruction
Shigeyuki Ozaki

15.55 The Ross Procedure: A Physiological Solution for Aortic Valve Disease
Domenico Paparella

16.05 Aortic Valve-Sparing Surgery: The David Procedure and Its Evolution
Tirone David

16.15 Aortic valve repair: Optimize techniques for tricuspid and bicuspid: Optimize techniques for tricuspid and bicuspid
Khalil Fattouch

16.25 Challengers Perspectives
Challengers: **Roberto Coppola,
Mauro Del Giglio, Giuseppina Pisano,
Giuseppe Visicchio**

PART II

Transcatheter Frontiers

- 16.35** Advanced Echocardiographic CT and Artificial Intelligence in the Evaluation of the Aortic Regurgitation
Corrado Fiore, Angelo Squeri
- 16.45** Transcatheter Treatment of Native Aortic Regurgitation: the Emerging Role of Dedicated TAVI Devices
Francesco Bedogni
Introduction by: Alfredo Marchese
- 16.55** Challengers Perspectives
Challengers: Mario Siro Brigiani, Simone Calvi, Luigi Specchia

SESSION 4 AORTIC STENOSIS: IMAGING, GUIDELINES AND TREATMENT STRATEGIES

- Chairs:* **Francesco Santini, Michele Pilato, Alfredo Marchese, Alberto Tripodi**
- 17.05** New ESC/EACTS Guidelines in Aortic Stenosis: Impact on Clinical Decision-Making
Alaide Chieffo
- 17.15** Surgical Aortic Valve Treatment: Guideline Updates and the Position Paper of the Italian Society of Cardiac Surgery
Mauro Rinaldi

- 17.25** Transcatheter Aortic Valve Implantation: Evolution, Evidence and Future Directions
Giovanni Esposito

- 17.35** Challengers Perspectives
Challengers: Marco Gucciardo, Luigi Martinelli, Carmelo Mignosa

HEART TEAM DEBATE on challenging scenarios

TAVI vs Surgery in asymptomatic SAS

- 17.45** Surgical Perspective
Pierluigi Stefano
- 17.55** Interventional Perspective
Alberto Cremonesi

- 18.05** **LIVE IN THE BOX**
Marco Moscarelli

TAVI vs Surgery in Bicuspid SAS

- 18.10** Surgical Perspective
Paolo Berretta
- 18.20** Interventional Perspective
Gabriele Crimi

- 18.30** **LIVE IN THE BOX**
Gaetano Contegiacomo

- 18.35** Challengers Perspectives
Challengers: Carmine Carbone, Mauro De Benedictis

- 18.45** **MASTER LECTURE**
by Professor Gilles Dreyfus
Surgical Mitral Valve Repair:
Art or Science?

- 19.05** **End of Day 1**

FRIDAY
JUNE 12
2026

nd
day

SESSION 1 IMAGING AND DECISION-MAKING IN MITRAL VALVE DISEASE

Chairs: **Ottavio Alfieri, Alain Berrebi,
Patrizio Lancellotti,
Giuseppe Speziale**

KEY LECTURES

- 09.00** Mitral Valve Disease: Advanced Imaging for Diagnosis, Mechanistic Understanding and Surgical Decision-Making
Mani A. Vannan
- 09.10** Mitral Regurgitation Phenotypes: Beyond Severity - Mechanisms, Remodeling and Imaging Red Flags
Francesco Faletta
- 09.20** Challengers Perspectives
Challengers: **Luigi Martinelli,
Gaetano Contegiacomo,
Domenico Paparella,
Marco Di Eusanio**
- 09.30** Multimodality Imaging for Surgical Planning in Complex Mitral Valve Repair
Angelo Squeri
- 09.40** Mitral Annular Disjunction: The Missing Link Between Prolapse and Sudden Cardiac Death. Up-to-date from EHRA/EACVI expert consensus
Corrado Fiore
- 09.50** Challengers Perspectives
Challengers: **Paolo Izzo,
Antonietta Demola**

SESSION 2 CONTEMPORARY SURGICAL STRATEGIES IN MITRAL VALVE REPAIR

Chairs: **Khalil Fattouch, Ernesto Greco,
Claudio Muneretto, Carlo Savini,
Tirone David**

PART I

The Philosophy and Durability of Mitral Valve Repair

10.00 Edge-to-Edge Repair: From the Alfieri Technique to Contemporary Surgical and Transcatheter Applications

Ottavio Alfieri

10.10 Respect but Resect: Follow the Lesions

David Adams

10.20 Respect or Resect: Is There One Better Than the Other?

Gilles Dreyfus

10.30 Minimally Invasive Mitral Valve Repair: Ten-Year Results from the GVM Care & Research Experience

Giuseppe Speziale

10.40 **Remarks from the Chairs**

PART II

Contemporary Surgical Techniques

10.50 Bileaflet Mitral Valve Dysfunction: RE-LOCK and TRACK Techniques for Complete Repair

Giuseppe Nasso

11.00 Advanced Surgical Strategies in Mitral Valve Repair

Pierluigi Stefano

11.10 Trans-axillary Approach for Mitral Valve Repair: Technique and Clinical Results

Marco Di Eusanio

11.20 Surgical implications of mitral plasticity

Antonio Maria Calafiore

11.30 Totally endoscopic mitral valve repair: a step forward

Marco Diena

11.40 Challengers Perspectives

Challengers: **Alberto Albertini,
Davide Ricci, Carlo Zebele**

SESSION 3 TRANSCATHETER TREATMENT FOR MITRAL VALVE DISEASE

Chairs: **Massimo Chello, Gabriele Crimi,
Alessandro Parolari,
Leonardo Patanè**

11.50 Mitral Valve Disease: Guideline-Based Decision Making and future perspectives

Fausto Castriota

12.00 Transcatheter Edge-to-Edge Repair vs replacement: Indications, Patient Selection and Clinical Outcomes

Sergio Berti

LIVE IN THE BOX

12.10 How to treat mitral valve disease
Roberto Nerla

12.15 Challengers Perspectives
Challengers: **Luigi Martinelli, Giulia Pignatelli, Luigi Salemme, Gianmarco Arturo Volpe**

SESSION 4 TRICUSPID VALVE

Chairs: **Francesco Bedogni, Alberto Cremonesi, Tullio Tesorio**

12.25 Right Ventricular Dysfunction and Pulmonary Hypertension: Pathophysiology, Prognosis and Therapeutic Implications
Mani A. Vannan

12.35 From Echocardiographic Assessment to Clinical Decision: When and How to Treat Tricuspid Regurgitation
Patrizio Lancellotti

12.45 When and how to treat tricuspid regurgitation
Khalil Fattouch

12.55 Transcatheter Treatment of Tricuspid Regurgitation: TriClip and Emerging Endovascular Valve Implantation
Anna Franzone

13.05 Recurrent Tricuspid Regurgitation: Contemporary Treatment Algorithms
Giovanni La Canna

13.15 Up to date grading of TR and how to quantify TR in presence of right ventricle dysfunction
Tugba Kemalolu Oz

LIVE IN THE BOX

13.25 Live in the box Surgical Repair
Elisa Mikus

13.30 Challengers Perspectives
Challengers: **Corrado Fiore, Michele Di Mauro, Giuseppe Santarpino**

13.40 Light Lunch

14.30 The Patient experience: Complex Mitral Regurgitation Treated with MitraClip: Clinical Case and Procedural Strategy
Fausto Castriota and special guest

THE CARE REVOLUTION

Chairs: **Giuseppe Speziale, Massimiliano Sisto**

14.40 The Future of AI in Healthcare
Paolo Massimo Buscema

14.50 Human Reloaded: Who We've Become in the Age of AI
Giacinto Fiore

15.00 From Reactive Care to Predictive Healthcare: AI is Rewriting the Patient Journey: ReportAid through the case studies of Santa Maria Hospital and Clinica Montevergine GVM CARE & RESEARCH
Antonio Rainone

- 15.10** Real-Time Healthcare Governance: AI, Data Analysis and Ethics in Clinical and Administrative Decision-Making
Elena Sini
- 15.20** Healthcare communication must be surgical
Franco Balestrieri
- 15.30** From Treatment to Trust
Silvia Baioni
- 15.40** Discussion

ANESTHESIA CORNER

Anesthesia and Perioperative Management in Minimally Invasive Cardiac Surgery

Chairs: **Enrico Coscioni, Ilir Dhojniku, Lorenzo Mantovani, Antonio Rago**

- 15.50** Practical Anesthesia Tips for Minimally Invasive Mitral Surgery: Making MIMVS Truly Minimal
Cataldo Labriola
- 15.55** Regional Analgesia in Minimally Invasive Cardiac Surgery: The Role of Fascial Plane Blocks
Antongiulio Valenzano
- 16.00** Anesthetic Management of High-Risk Mitral Patients: Right Ventricular Protection, Pulmonary Hypertension and Safe Weaning from CPB
Flavio Fiore
- 16.05** Mechanical Circulatory and Respiratory Support After Cardiac Surgery: VA-ECMO in Post-Cardiotomy Shock and VV-ECMO in Postoperative SIRS
Marcello Melone
- 16.10** Challengers Perspectives
Challengers: **Ettore Augugliaro, Andrea Cuccio, Angelo Vavassori, Josè Zulueta**

SESSION 5 ARRHYTHMOLOGY

Chairs:

**Saverio Iacopino,
Claudio Muneretto,
Marino Scherillo,
Francesco Solimene,
Richard Whitlock**

16.20 The New Era of Atrial Fibrillation Ablation: Energy Sources, Mapping Revolution and Personalized Therapy
Giuseppe Stabile

16.30 Hybrid Atrial Fibrillation Treatment: Lessons from Two Decades of Surgical Innovation
Claudio Muneretto

16.40 New Frontiers in Cardiac Pacing
Saverio Iacopino

16.50 Ventricular Tachycardia Ablation: RF, PFA or Combined Strategies
Francesco Solimene

17.00 Sudden Cardiac Death in Athletes: Epidemiology, Mechanisms, and Prevention
Antonio Dello Russo

17.10 A comprehensive Approach to Atrial Fibrillation: from PFA ablation to LAA closure
Ignacio Garcia Bolao
Challenger: Pasquale Filannino

17.20 Left Atrial Management and atrial fibrillation ablation in Cardiac Surgery: As Important as the LIMA to lad
Richard Whitlock
Challenger: Domenico Paparella

17.30 Left Atrial Appendage Management: Surgical vs Percutaneous Strategies
Patrizio Lancellotti
Challenger: Gaetano Contegiacomo

17.50 Heart Failure Management Through Multiparametric Diagnostics: Bridging Monitoring and Clinical Decisions
Antonio D'Onofrio

17.50 Take home message
Giuseppe Speziale

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The registration is free.

For registration please visit

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mics@mitralacademy.it

Ph. +39 051 0959160

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