

# MICS

## Minimally Invasive & Catheter Solutions

2026

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June 11-12, 2026

Hotel Excelsior

Via Partenope, 48

NAPLES (IT)

**MICS2026**

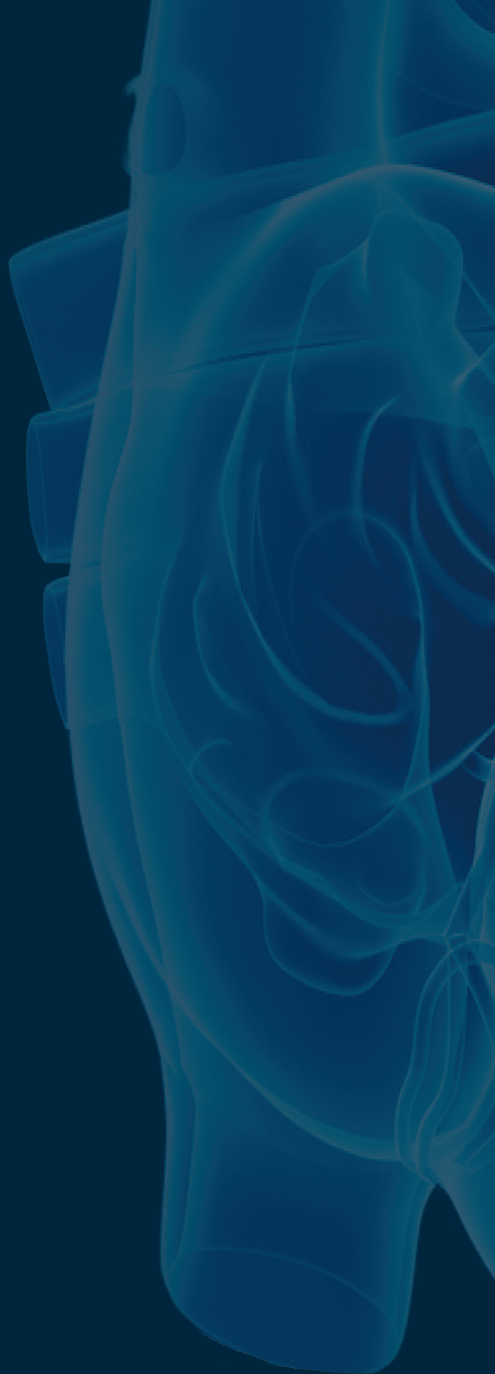
THE GLOBAL CONFERENCE

[www.mics2026.it](http://www.mics2026.it)

Advanced Program

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**MICS**  
Minimally Invasive  
& Catheter Solutions

# 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.

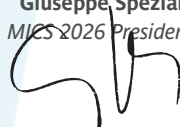
A distinctive moment of this edition will be the “Care Revolution” session, dedicated to the transformative impact of Artificial Intelligence and digital innovation in healthcare. We will discuss how these technologies are redefining the patient journey—moving from reactive medicine to a predictive, 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  
Guidelines to New Frontiers  
**Alfredo Marchese**

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

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

## VIDEO 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, Marco Diena,  
Massimo Massetti,  
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  
**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**

## VIDEO 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**

## VIDEO 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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- **OTTAVIO ALFIERI**, MILAN
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# INFORMATION

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## VENUE

### Hotel Excelsior

Via Partenope, 48  
Naples (IT)

## REGISTRATION

The registration is free.

For registration please visit

<https://mics.mitralacademy.it/it-it/global-conference/mics-2026.aspx>

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GVM Campus srl (ID 6028)

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

## ORGANIZING SECRETARIAT

[mics@mitralacademy.it](mailto:mics@mitralacademy.it)

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