

**Cardiopulmonary Imaging:  
Ischemic Heart Disease  
2nd International Congress**

**Rome (Italy), May 6th - 7th, 2005**

**Organized by**  
**DIPARTIMENTO DI SCIENZE CARDIOVASCOLARI E RESPIRATORIE**  
**I CATTEDRA DI CARDIOLOGIA**  
**UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA"**

**FONDAZIONE INTERNAZIONALE MENARINI**

Centro Congressi Parco dei Principi  
Via Frescobaldi, 5

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**Friday, May 6th, 2005 - Morning**

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09.00            Opening Ceremony

**Session I - Imaging in ischemic heart disease pathophysiology**

President:       **F. Romeo** (Rome, I)

Chairpersons:     **A. Balbarini** (Pisa, I)  
                     **F.J. Pinto** (Lisbon, P)

09.30            **C.R. Becker** (Münich, D)  
                    CT and MRI imaging of atherosclerotic vessel wall changes

09.50            **F.J. Pinto** (Lisbon, P)  
                    The role of IVUS in the plaque characterization

10.10            **A. Schmermund** (Frankfurt and Essen, D)  
                    Myocardial microvascular function by CT and MRI

10.30            **L. Agati** (Rome, I)  
                    Imaging in ischemic heart disease: role of myocardial contrast  
                    echocardiography  
                    in the study of microcirculation

10.50            *Discussants: R. Bugiardini* (Bologna, I), **S. Sciomer** (Rome, I),  
                    **P. Voci** (Rome, I), **A. Zuppiroli** (Florence, I)

11.10            Coffee break

11.30            **W.M. Chilian** (New Orleans, USA)  
                    From plaque to microcirculation

**Session II - Imaging in the diagnosis of ischemic heart disease: the controversy of anatomy  
versus function**

President:       **A. Barsotti** (Genoa, I)

Chairpersons:     **L. Dei Cas** (Brescia, I)  
                     **F.E. Rademakers** (Leuven, B)

12.00	<b>A. de Roos</b> (Leiden, NL) Cardiovascular computed tomography
12.20	<b>S. Prasad</b> (London, UK) Stress imaging: selection of appropriate pharmacologic agents and imaging modalities
12.40	<i>Discussants: I. Carbone</i> (Rome, I), <b>M. Lombardi</b> (Pisa, I), <b>P.N. Marino</b> (Verona, I), <b>E. Martuscelli</b> (Rome, I)
13.00	Lunch

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### Friday, May 6th, 2005 - Afternoon

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#### **Session III - Imaging in the diagnosis of acute myocardial infarction, myocardial viability and remodeling**

President:	<b>M.G. Modena</b> (Modena, I)
Chairpersons:	<b>R.O. Bonow</b> (Chicago, USA)
14.30	<b>S. De Castro</b> (Rome, I) The echocardiographic armamentarium in acute myocardial infarction
14.50	<b>F.E. Rademakers</b> (Leuven, B) Evaluation of regional wall motion abnormalities: comparison between TDI and tagged MRI
15.10	<b>P. Kaufmann</b> (Zürich, CH) Integrated PET/CT for the assessment of coronary artery disease
15.30	<b>F. Fedele</b> (Rome, I) Necrotic and microvascular damage by cardiac magnetic resonance
15.50	<i>Discussants: G. Ansalone</i> (Rome, I), <b>S. Carerj</b> (Messina, I), <b>E. Di Cesare</b> (L'Aquila, I), <b>G. Molinari</b> (Genoa, I)
16.10	Coffee break
16.30	<b>R.O. Bonow</b> (Chicago, USA) Historical and conceptual evolution of imaging assessment of myocardial viability
16.50	<b>N.G. Pandian</b> (Boston, USA) 3D echocardiographic assessment of ventricular remodeling
17.10	<i>Discussants: G. Casolo</i> (Florence, I), <b>I. De Luca</b> (Bari, I), <b>A. Salustri</b> (Rome, I), <b>G.P. Trevi</b> (Turin, I)

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### Saturday, May 7th, 2005 - Morning

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#### **Session IV - Imaging in the evaluation of therapy**

President:	
Chairpersons:	<b>R. Calabro</b> (Naples, I) <b>C.B. Higgins</b> (San Francisco, USA)

## **M. Penco** (L'Aquila, I)

09.00	<b>B.K. Khandheria</b> (Rochester, USA) Viable myocardium
09.20	<b>F. Cademartiri</b> (Rotterdam, NL) Non-invasive assessment of coronary revascularization: CT or MRI?
09.50	<b>M. Gheorghiade</b> (Chicago, USA) Predictive value of CMR in patients with ischemic heart disease undergoing beta-blocker therapy
10.10	<b>C.B. Higgins</b> (San Francisco, USA) Interventional cardiac MRI
10.30	<b>J.A. San Román</b> (Valladolid, S) Application of MRI for cardiac stem cell therapy after acute myocardial infarction
10.50	<i>Discussants: F. Arrigo</i> (Messina, I), <b>M. Francone</b> (Rome, I), <b>G. Sardella</b> (Rome, I), <b>A. Vitarelli</b> (Rome, I)
11.10	Coffee break

## **Session V - CMR and MSCT: What is the future?**

Chairman:	<b>F. Fedele</b> (Rome, I) <b>R. Passariello</b> (Rome, I)
11.40	<b>R.O. Bonow</b> (Chicago, USA) The cardiologist point of view
12.00	<b>C.B. Higgins</b> (San Francisco, USA) The radiologist point of view
12.20	Closing remarks
12.40	Lunch

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*Dear Friends and Colleagues,*

*It is a great pleasure for me to welcome you all to Rome at the 2nd International Meeting on Cardiopulmonary Imaging. The congress has been designed to provide an innovative and comprehensive overview of the latest research developments in the imaging of cardiopulmonary diseases. Last year we obtained a great success discussing various imaging modalities employed in heart failure patients; this year we would like to highlight on ischemic heart diseases. The conceptual framework of the congress remains the same as the previous one: the importance of imaging in the pathophysiology, diagnosis and treatment of diseases.*

*We strongly believe that it is time to go beyond ultrasounds and improve our knowledge on all the available cardiovascular imaging modalities (from X-Rays to CMR) in order to better arrange the diagnostic and therapeutic course of patients with ischemic heart diseases.*

*Many distinguished cardiologists and scientists have joined the faculty and will take part in this meeting. I hope that you will enjoy the congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding.*

*Yours sincerely,*

**Prof. Francesco Fedele**  
*President of the Meeting*

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**President of the Meeting**

**Francesco Fedele**

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I Cattedra di Cardiologia  
Università degli Studi di Roma "La Sapienza"  
Rome (Italy)

**Scientific Secretaries**

**Chiara Bucciarelli Ducci**

**Leonardo De Luca**

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