

## General Information

The course is reserved to 20 attendees  
Registration: send a request to [Agalvani@Pvagency.it](mailto:Agalvani@Pvagency.it)  
Please attach copy of bank money transfer

### Bank Details:

Banca Intesa San Paolo  
IBAN IT120306909458055537460144  
Beneficiary: Promoviaggi S.P.A  
Reference to be written on the bank transfer:  
Milan cardiac Imaging 2017

### Registration fee

50 EUROS + VAT (coffee break, lunch and registration  
to ESCR meeting are included)  
Registrations must be sent by September 20<sup>th</sup>, 2017

Organizing Secretariat  
Promoviaggi SPA  
Viale Gian Galeazzo, 3  
20136 MILANO

## MILAN CARDIAC IMAGING 2017

Pre-event of Annual Meeting of The European Society of  
Cardiovascular Radiology (ESCR)

[www.escr.org](http://www.escr.org)

Cardiac MR: introduction in the alphabet of sequences,  
acquisition and analysis

October 11<sup>th</sup> 2017

Centro Cardiologico Monzino, Via Carlo Parea 4, 20138 Milan, Italy

Course Directors: Gianluca Pontone, MD, PhD, EBCR (*Milan*)  
Marco Francone, MD, PhD, EBCR (*Rome*)

Congress President: Francesco De Cobelli, MD, PhD, EBCR (*Milan*)



## Unrestricted grant of:



GE Healthcare



## Program

**09.50 - 10.00:** Welcome and Introduction and Overview of course program  
G. Pontone (*Milan*)

**10.00 - 10.30:** Technical introduction into Cardiac MR: principles and technical requirements for CMR  
G. Pontone (*Milan*)

**10.30 - 11.00:** Protocols optimization: artifacts, and solving problems  
L. Natale (*Rome*)

**11.00 - 11.30:** Cardiac anatomy and function I: Introduction to cardiac anatomy and basic acquisition planes  
M. Francone (*Rome*)

**11.30 - 12.30:** Workshop 1: Introduction of Software  
L. Natale (*Rome*)

Cardiac MR reports: how to perform left ventricular segmentation and quantification of volumes and ejection fraction (normal vs severely dilated / dysfunctional ventricles); quantification of biventricular masses (normal vs severely pathological forms of myocardial hypertrophy); how to perform quantification of transvalvular flow and velocities (normals vs stenotic vs insufficient valves)

**12.30 - 13.30:** Lunch Break

**13.30 - 14.45:** Cardiac MR in the evaluation of valve disease: clinical lecture (30 min) + interactive cases  
G. Pontone (*Milan*)

**14.45 - 16.00:** Cardiac MR in the evaluation of ischemic heart disease: clinical lecture (30 min) + interactive cases  
M. Gutberlet (*Lipsia*)

**16.00 - 17.15:** Cardiac MR in the evaluation of cardiomyopathy: clinical lecture (30 min) + interactive cases  
L. Natale (*Rome*)

**17.15 - 18.30:** Cardiac MR in the evaluation of myocarditis and pericarditis: clinical lecture (30 min) + interactive cases  
M. Francone (*Rome*)

**18.45:** End of workshop