

Maria Marcella Laganà PhD.

Dr. Laganà holds a Doctorate in Biomedical Engineering (2010) from Politecnico di Milano, Milan, Italy.

Dr Laganà is a researcher at the IRCCS Fondazione Don Carlo Gnocchi ONLUS in Milan, Italy since 2007. Areas of expertise include research in neuroimaging and neurovascular diseases using Magnetic Resonance Imaging and Ultrasound for more than 10 years. Ongoing teaching experience includes 7 years of courses at The University of Milan as well as supervising numerous Engineering, Physics and Medicine theses for the past 10 years. She has been an invited speaker for national and international conferences. Marcella is also author of about 40 original papers, approximately 70 abstracts and conference proceedings. She is a usual reviewer for numerous international peer-reviewed Journals. Research Interest: Magnetic Resonance Imaging, Ultrasound, Angiography, image processing, neurodegenerative and neurovascular diseases.

Speech Title: Measuring Respiratory and Cardiac Influences on Blood and Cerebrospinal Fluid Flow with Real-Time MRI.