

Monday, 30 <sup>th</sup> November 2020	
09:00-09:45 On-line via Teams	<b>Virtual GIDRM Workshop</b> “Metamaterials and Metasurfaces in Magnetic Resonance: From Theory to Applications”
09:45-10:15	Welcome and Opening Marco Geppi (President GIDRM, University of Pisa, Italy), Representatives from the University of Pisa/Department of Information Engineering, Agostino Monorchio (Chair Local Committee, University of Pisa, Italy) Chairs: Georgiy Solomakha (ITMO University, Russia), Angelo Galante (University of L’Aquila, Italy)
10:15-11:00	Andrew Webb (Leiden University Medical Center, the Netherlands): “Metamaterials and Metasurfaces for NMR/MRI: Overview and Applications”
11:00-11:30	Andreas Rennings (University of Duisburg-Essen, Germany): “Metamaterial Based Enhancements of RF Coils for UHF MRI”
11:30-12:00	Break + Open Networking Room Chairs: Gianluigi Tiberi (UBT, Italy), Nunzia Fontana (University of Pisa, Italy)
12:00-12:30	Carlo Rizza (CNR-SPIN Institute L’Aquila, Italy): “Spoof Magnetic Localized Surface Plasmons to Enhance Magnetic Resonance Applications”
12:30-13:00	Filiberto Bilotti (University "Roma Tre", Italy): “Metamaterials and Metasurfaces: Overview and Applications”
13:00-14:30	Lunch Break Chairs: Andreas Rennings (University of Duisburg-Essen, Germany), Carlo Rizza (CNR/SPIN Institute L’Aquila, Italy)
14:30-15:00	Manuel J. Freire (University of Seville, Spain): “Capacitively-Loaded Ring Metamaterials for MRI: A Review of Applications”
15:00-15:30	Georgiy Solomakha (ITMO University, Russia): “Advanced Electromagnetics for Clinical and UHF MRI”
15:30-15:45	Break + Open Networking Room Chairs: Andrew Webb (Leiden University Medical Center, the Netherlands), Agostino Monorchio (University of Pisa, Italy)
15:45-16:15	Danilo Brizi (University of Pisa, Italy): “Decoupling Metasurfaces for 7T MRI Double-Tuned RF Coils”
16:15-16:45	Marc Dubois (Aix Marseille University and Multiwave Imaging SAS, France): “Hybridized Meta-Atom for UHF MRI”
16:45-17:30	ROUND TABLE: “Are We Ready for an EU Network on Metamaterials/Metasurfaces for NMR/MRI Applications?”
17:30-17:45	Marco Geppi (President GIDRM, University of Pisa, Italy): Closure and Adjournment