

4th Summer School on INtelligent signal processing for FrontIER Research and Industry

Saturday, 28 January 2017

**Review of the Medical Imaging Modalities Techniques and Medical Motivations - Auditorium of the Institut of
Radiology (InRAD) (09:00 - 13:00)**

-Conveners: Maria Concepcion Garcia Otaduy; Marcelo Tatit Sapienza

time	[id] title	presenter
09:00	[23] Medical Imaging based on Ultra Sound	Dr DIVA-ZAVARIZ, Julia
09:30	[43] Medical Imaging based on Computed Tomography	Dr MUNIZ LEAO FILHO, Hilton
10:00	[45] Positron Emission Tomography (PET)	Dr MARTINS COUTINHO , Artur
10:30	[24] Molecular Imaging	Dr TATIT SAPIENZA , Marcelo
11:00	Coffee break	
11:30	[46] High-Intensity Focussed Ultrasound Magnetic Resoance Imaging (HIFU-MRI)	Dr MENENDES, Marcos
12:00	[50] Cloud Applications and Big Data Analysis for Healthcare	NUNES , Camila
12:20	[51] Pushing the boundary of tomographic imaging with photon-counting spectral CT	SCHIRRA , Carsten
12:40	[52] syngo.via Frontier-The gateway to the Siemens research environment	AMARAL-SILVA, Henrique