



# General Meeting next\_AIM

## Tuesday, 14 February 2023

### **WP3 - Applications to real data (11:00 - 12:40)**

-Conveners: Alessandro Lascialfari

time	[id] title	presenter
11:00	[12] Radiomics in prostate cancer (WP3.T3)	MARRALE, Maurizio
11:25	[13] Deep learning models for targeting of tc-MRgFUS for essential tremor (WP3.T4)	ROMEO, M
11:50	[14] Multi-algorithm approach for real-life clinical applications (WP3.T5)	SENSI, Francesco
12:15	[15] Nuclear Medicine Neuroimaging Quantification (WP3.T5)	PEIRA, Enrico

### **WP3 - Applications to real data: WP3 - Applications to real data (14:00 - 16:05)**

-Conveners: Maurizio Marrale

time	[id] title	presenter
14:00	[23] High pathological grade prediction in prostate cancer patients undergoing 18F-PSMA PET/CT using matRadiomics (WP3.T5)	PASINI, Giovanni
14:25	[24] Correct approach to multicentric data harmonization (WP3.T6)	OLIVA, Piernicola
14:50	[25] Brain Connectivity with rs-EEG (WP3.T6)	CUNA, F
15:15	[26] ML applications for MRI, ECG, and Plethysmography (WP3.T6 + WP3.T11 + WP3.T12)	ZUCCHETTA, Alberto
15:40	[27] Track detection on CR39 for 10B cell uptake measurements (WP3.T9)	POSTUMA, Ian

### **WP3 - Applications to real data (16:30 - 18:35)**

-Conveners: Maurizio Marrale

time	[id] title	presenter
16:30	[18] COVID-19 severity prediction based on radiomics features obtained by exploiting the LungQuant segmentation output (WP3.T7)	SCAPICCHIO, Camilla
16:55	[19] Radiomics and ML for biomarker prediction in Facioscapulohumeral dystrophy (WP3.T8)	BARZAGHI, Leonardo
17:20	[20] Radiomics and ML-segmentation on lung tumor, the Blue Sky project (WP3.T8)	BRERO, Francesca POSTUMA, Ian CABINI, Raffaella
17:45	[21] A software for extracting quantitative metrics and radiomic features in CT images of the lung: development of a practical tool and clinical applications (WP3.T8)	BERTA, Luca
18:10	[22] Soft tissue sarcoma: transfer learning and fine-tuning for prediction of distant metastasis based on multimodal imaging (WP3.T10)	PIFFER, Stefano