Collaboration Meeting - Oct 2020

Report of Contributions

Contribution ID: **1**   Type: **not specified**

Introduction

Thursday 15 October 2020 09:00 (15 minutes)

Presenter: RETICO, Alessandra (PI)

Contribution ID: **2**   Type: **not specified**

Wrap up, focus on key objectives for 2021

Friday 16 October 2020 12:15 (30 minutes)

Contribution ID: **3** Type: **not specified**

AIM1.T1 Harmonization strategies for MRI features: summary of PI, BA and BO analyses and future goals

Thursday 15 October 2020 09:15 (20 minutes)

Presenters: RETICO, Alessandra (PI); TANGARO, Sabina (BA)

Session Classification: AIM1 - Data Harmonization

Contribution ID: **4** Type: **not specified**

AIM1.T2 Harmonization of mammographic data

Thursday 15 October 2020 09:35 (20 minutes)

Presenter: LIZZI, Francesca (Istituto Nazionale di Fisica Nucleare)

Session Classification: AIM1 - Data Harmonization

Contribution ID: **5**   Type: **not specified**

AIM1.T3 Quality vs. quantity: disentangling clinics and scanners in heterogeneous multicentric dataset

Thursday 15 October 2020 09:55 (20 minutes)

Presenter: CHINCARINI, Andrea (GE)

Session Classification: AIM1 - Data Harmonization

Contribution ID: **6**　　　　　　　　　　　　　　　　Type: **not specified**

Discussion on similarities and differences across modalities

Thursday 15 October 2020 10:15 (15 minutes)

Session Classification:　AIM1 - Data Harmonization

Contribution ID: **7**   Type: **not specified**

AIM2.T1 Nuclear Medicine techniques and analysis in neurology. Expertise overview in Genoa

Thursday 15 October 2020 10:45 (15 minutes)

Presenter: CHINCARINI, Andrea (GE)

Session Classification: AIM2 - Quantification

Contribution ID: **8** Type: **not specified**

AIM2.T2 DL models for image reconstruction in MRF and QSM

Thursday 15 October 2020 11:00 (15 minutes)

Presenter: FISCONE, Cristiana

Session Classification: AIM2 - Quantification

Contribution ID: **9**	Type: **not specified**

AIM2.T2 Standardization and harmonization of MRI relaxation time mapping techniques

Thursday 15 October 2020 11:15 (15 minutes)

Presenter: CIRCOLARI, Davide

Session Classification: AIM2 - Quantification

Contribution ID: **10** Type: **not specified**

AIM2.T3 Proposed strategy for tumour contouring with ML techniques

Thursday 15 October 2020 11:30 (10 minutes)

Presenter: POSTUMA, Ian (PV)

Session Classification: AIM2 - Quantification

Contribution ID: **11**   Type: **not specified**

AIM2.T4 Proposed strategy for quantification of muscle deterioration in MR

Thursday 15 October 2020 11:40 (10 minutes)

Presenter: BRERO, Francesca

Session Classification: AIM2 - Quantification

Contribution ID: **12**

Type: **not specified**

Discussion on optimal strategies for quantification in different imaging modalities

Thursday 15 October 2020 11:50 (10 minutes)

Session Classification: AIM2 - Quantification

Contribution ID: **13**   Type: **not specified**

AIM3.T1 Predictive models for Radiation Therapy treatments

Friday 16 October 2020 09:00 (15 minutes)

Presenter: UBALDI, Leonardo (Istituto Nazionale di Fisica Nucleare)

Session Classification: AIM3 - Predictive Models

Contribution ID: **14** Type: **not specified**

AIM3.T2 Proposed strategy for DBT and BCT analyses

Friday 16 October 2020 09:15 (15 minutes)

Presenter: METTIVIER, Giovanni (NA)

Session Classification: AIM3 - Predictive Models

Contribution ID: **15** Type: **not specified**

AIM3.T3 Predictive models for transcranial-MR-guided Focused Ultrasound

Friday 16 October 2020 09:30 (15 minutes)

Presenter: MARRALE, Maurizio (CT)

Session Classification: AIM3 - Predictive Models

Contribution ID: **16**   Type: **not specified**

AIM3.T4 Predictive models for Systems Medicine

Friday 16 October 2020 09:45 (15 minutes)

Presenter: REMONDINI, Daniel (Istituto Nazionale di Fisica Nucleare)

Session Classification: AIM3 - Predictive Models

Contribution ID: **17** Type: **not specified**

AIM3.T4 Association between Structural Connectivity and Generalized Cognitive Spectrum in Alzheimer's Disease

Friday 16 October 2020 10:00 (15 minutes)

Presenter: LOMBARDI, Angela (Istituto Nazionale di Fisica Nucleare)

Session Classification: AIM3 - Predictive Models

Contribution ID: 18   Type: **not specified**

AIM3.T5 Predictive models for tumor classification

Friday 16 October 2020 10:15 (15 minutes)

Presenter: MARRALE, Maurizio (CT)

Session Classification: AIM3 - Predictive Models

Contribution ID: **19**   Type: **not specified**

Processing lung CTs of subjects with COVID-19 pneumonia

Friday 16 October 2020 10:45 (30 minutes)

Presenter: RETICO, Alessandra (PI)

Session Classification: AIM-Covid19-WG

Contribution ID: **20**

Type: **not specified**

Unsupervised Lung Segmentation for Radiomics Studies: Preliminary Results

Friday 16 October 2020 11:15 (30 minutes)

Presenter: STEFANO, Alessandro (L)

Session Classification: AIM-Covid19-WG

Contribution ID: **21**   Type: **not specified**

Potential contribution of medical imaging in the management of the health emergency

Friday 16 October 2020 11:45 (30 minutes)

Presenters: TORRESIN, Alberto; CARRAZZA, Stefano (MI)

Session Classification: AIM-Covid19-WG