

# 1st Virtual BIOQIC Colloquium & end-of-the year celebration (MS Teams)



Thursday 03.12.2020

13:00	Welcome and Introduction	
13:10-14:25	<b>Session 1 – cardiac imaging</b> <b>Chair: David Hernandez, Co-chair: Yasmine Safraou</b>	
13:10-13:35	Chiara Manini	Multimodal Quantitative Cardiac Valve Imaging
13:35-14:00	Felix Krüger	Quantification and characterization of cardiac fat infiltration using ultra-high magnetic fields
14:00-14:25	Sherine Brahma	Uncertainty assessment of machine learning for cardiac MR parameter mapping
14:25-14:40	Break	
14:40-17:00	<b>Session 2 – biophysical properties &amp; MRI-based thermometry</b> <b>Chair: Chiara Manini, Co-chair: Felix Krüger</b>	
14:40-15:05	Yasmine Safraou	Quantification of the biophysical properties of the liver in correlation with microstructural and vascular changes using multimodal imaging
15:05-15:30	David Hernandez	MRI-based thermometry with hyperpolarized xenon for optimized CEST MRI
15:30-17:00	BIOQIC Virtual Team Building Activity	
17:00-17:10	Closing Remarks	