

Kickoff meeting

Advanced magnetic resonance imaging techniques for the quantitative assessment of inflammation and fibrosis as diagnostic and follow-up markers

February 25, 2021

10 AM - 2 PM (MSK)

Hybrid format

Programme

David Bendahan

The Quantitative MRI for Medical Applications (qMRI-MA): Scientific targets and Ingredients

Alena Shchelokova

Metamaterial-inspired and ceramic-based structures for clinical MRI applications

Ekaterina Brui

Deep learning methods for image postprocessing in MRI

Mikhail Zubkov

Quantitative methods in MRI



Programme

Vladimir Fokin

Trends and developments shaping the future of diagnostic imaging of heart and liver in Almazov Centre

Olga Moiseeva

Almazov Centre: potential areas of MRI study and data from our previous research

11:30 AM – Coffee break

Joris Fournel

Deep Learning for cardiac MR image segmentation: from data acquisition to segmentation quality control

Stanislas Rapacchi

Multi-echoes MRI in the body: imaging fat and beyond with QSM

**The approximate duration of each presentation – 15 minutes*

12:20 PM – Round table

