

Colloquium

CS & BME

Biomedical Imaging

It is a pleasure to invite you to the colloquium for our Professorship in Biomedical Imaging at Graz University of Technology. The public part will be a short educational presentation at Bachelor's level 2nd year in Biomedical Engineering on topic Fundamentals of Magnetic Resonance Imaging, a scientific talk (titles below), and a discussion with the audience. All colloquia will be held on [WebEx](#).

Yves De Deene: "From Safeguarding Theragnostic Cancer Therapy to Quantitative Bio-functional MRI guided Therapy"

February 22, 2021 | 08.15 h

Verena Hörr: "Novel techniques in cardiovascular and metabolic MRI for translation into clinical application"

February 22, 2021 | 14.00 h

Christoph Kolbitsch: "Motion-Corrected Image Reconstruction"

February 23, 2021 | 09.15 h

Florian Knoll: "MR Image acquisition and reconstruction in the era of deep learning"

February 23, 2021 | 15.00 h

Gert Reiter: "Panta rhei: Magnetic resonance imaging decoding cardiovascular blood flow"

February 24, 2021 | 09.15 h

Tony Stöcker: "Simulating MRI – observing and disclosing the secrets of spin dynamics"

February 24, 2021 | 13.00 h

Stefan Ropele: "Advanced MRI of the brain"

February 24, 2021 | 16.30 h

Martin Uecker: "Computational Magnetic Resonance Imaging"

February 25, 2021 | 09.15 h

Florian Wiesinger: "Biomedical Imaging at the Intersection between Academic Research – Industrial Development – Clinical Applications"

February 25, 2021 | 14.00 h