

Magnetic Resonance projects at TIC: Methods and Clinical Applications

Internal Lecture Series with speakers from Bern organized by the Translational Imaging Center @ sitem-insel in Bern on recent progress and current applications of MR imaging and spectroscopy at standard and ultrahigh fields

The lectures are aimed at clinicians and basic & medical scientists interested in the latest development of MRI and its clinical applications, including the potential of ultrahigh fields. Talks are given in English.

Program 2023

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|---------------|-------|--|---|
| 02.02.23 | 17.00 | Dr. Florian Schmaranzer Inselspital DIPR | Quantitative 3D MRI of degenerative hip disease – from animal model to clinical routine |
| 02.03.23 | 16.00 | Dr. Guodong Weng Inselspital DIN | The Evolution of SLOW-EPSI for Clinical Use in Glioma Patients at 7T |
| 06.04.23 | 16.00 | cancelled | |
| 04.05.23 | 16.00 | Federico Turco Inselspital DIN | Development of high-performance MRSI processing tool based on AI |
| 01.06.23 | | None, ISMRM | ISMRM conference |
| July / August | | Summer break | |
| 07.09.23 | 16.00 | Dr. Elena Kleban Inselspital DIPR | postponed |
| 05.10.23 | | None, ESMRMB | ESMRMB conference |
| 01.11.23 | 16.00 | Dr. Joao Jorge | <u>7T MRI and combined EEG-fMRI to probe laminar and thalamic properties of the brain</u> |
| 07.12.23 | 16.00 | PD Dr. Jessica Peter UPD Bern | Progress and challenges for projects in functional MRI |

Currently foreseen as virtual meeting at

<https://unibe-ch.zoom.us/j/61954796127?pwd=b25nSWVlV9PWlV4Vlp3NXpMdjRQdz09>

Once the COVID situation allows it, this meeting will be held „in real life“ at sitem-insel for speakers visiting from nearby places. (info at bernd.jung@insel.ch)

