

Session Program

14 January 2020

XXIII Swiss NMR Symposium

NMR session 3

CERN, 503/1-001 - Council Chamber

Tuesday 14 January

14:15

NMR session 3: Methods and small molecules

Session | Location: CERN, 503/1-001 - Council Chamber

14:15-14:30 **Should we care about imperfect pulses?**

Speaker

Matthias Ernst

14:30-14:45

Intrinsic magnetic anisotropy of lanthanide chelates and new lanthanide chelating tags for protein NMR spectroscopy

Speaker

Daniel Häussinger

14:45-15:00 **Drug Delivery Systems examined by NMR**

Speaker

Dr Martina Vermathen

15:00-15:15

Single-spin magnetic resonance using Nitrogen-Vacancy centers in diamond

Speaker

Takuya Segawa

15:15-15:30 **Targeting FPPS by fragment-based lead discovery**

Speaker

Dr Joy Kristin Petrick

15:30-15:45 **NMR in the web-browser: applications to metabolomics and teaching**

Speaker

Luc Patiny

15:45-16:00

Spin thermometry: deuterium NMR spectra give a straightforward measure of very low spin temperatures resulting from dynamic nuclear polarization

Speaker

Geoffrey Bodenhausen

16:00