

## Session N – “Spectroscopy”

Thursday, April 13<sup>th</sup> 2023, 11h15 – 13h15

Lecture Hall 5

Chair: *C. Huck*

Co-Chair: *V. Moll*

<b>KN17</b>	11h15 - 11h55	<i>G. Ramer</i>	“Chemical Characterization at the Nanoscale Using AFM-IR”
<b>O49</b>	11h55 - 12h15	<i>T. Mayerhöfer</i>	“Quantitative evaluation of IR and corresponding VCD spectra”
<b>O50</b>	12h15 - 12h35	<i>A. Schroter</i>	“NIR-to-VIS Spectral Shifters: Revisiting the Upconversion Nanoparticle Composition and Surface Functionalization for Bioanalytical Applications”
<b>O51</b>	12h35 - 12h55	<i>M. Selakovic</i>	“Analysis of Breath-related Volatile Organic Compounds by Laser Absorption Spectroscopy”
<b>O52</b>	12h55 - 13h15	<i>R. Luo</i>	“Deep Learning based 3D Raman Spectral Data Analysis for Colorectal Tissue Diagnosis”