

RAS and MS Workshop 2021

Monday, 05.07.2021

11 am Introduction to our reflection anisotropy spectroscopy and mass spectrometry setup
(Talk in the Epi-Seminar)

Tuesday, 06.07.2021 (mass spectrometry - MS)

9:00 Meet at Lab entrance – short opening remarks (time for coffee)
9:15 Setting up the Mass spectrometer
11:00 Getting used to the Software (Example TBP – Ionization)
12:00 Lunch
13:00 TBP/TMGa decomposition
15:00 TBP+TMGa (SWIFT introduction)

Wednesday, 07.07.2021 (mass spectrometry - MS)

9:00 TMBi/TEGa/TBAs decomposition
12:00 Lunch
13:00 Precursor combinations (TMBi/TEGa/TBAs)
15:00 Diboran and more

Thursday, 08.07.2021 (reflection anisotropy spectroscopy - RAS)

9:00 How to clean up the mass spectrometry setup
10:00 Setting up the RAS setup
11:00 Getting used to the Software (Example: GaAs)
12:00 Lunch
13:00 RAS Spektra/Transients/Colorplots/Growth rate analysis (GaAs on GaInAs)
15:00 Influence of Bi on GaAs (001) Surface reconstruction

Friday, 09.07.2021 (reflection anisotropy spectroscopy - RAS)

9:00 Low temperature GaAsBi growth
12:00 Pizza
~ 15:00 Spikeball

