

Presenter	Topic	Jury
Lea Schelmbauer	Phase diagram and dry ice	Wolfsberger Leitner Silber Mayer
Jonas Wolfsberger	Particle-wave duality Concept and experiment	Schelmbauer Leitner Silber Mayer
Katharina Leitner	Fluorescence microscopy (basic principles). Super resolution and beating the diffraction limit	Schelmbauer, Wolfsberger Silber Mayer
Klara Silber	Nuclear magnetic resonance (NMR) spectroscopy	Schelmbauer, Wolfsberger Leitner Mayer
Jakob Mayer	Periodic table of elements	Wolfsberger Leitner Silber Schelmbauer

Seminar zu den LU aus PC_ 21. Nov 2019, 18:30 Uhr, (HS10.11)

Presenter	Topic	Jury
Martin Heimböck	What are zeolites and where are they used?	Paris Candussi Trenggono Bauer
Matthias Paris	How does a microwave oven work?	Nacci Zeiner Schmid Heimböck
Manuel Candussi	How do light bulbs and halogen lamps work?	Paris Trenggono Bauer Nacci
Tanika Trenggono	How does a Ne tube lamp work?	Nacci Zeiner Schmid Heimböck
Sophie Bauer	X-ray diffraction Concept and applications	Paris Candussi Trenggono Nacci
Sandra Zeiner	Chirality and stereoisomers	Schmid Nacci Bauer Paris
Maximilian Schmid	Aromaticity and antiaromaticity	Zeiner Bauer Trenggono Heimböck Candussi

Seminar zu den LU aus PC_ 28. Nov 2019, 18:30 (HS10.11)

Presenter	Topic	Jury
Madeleine Heurix	Brownian motion	Muckenauer Matuszewska Neun Oberreiter
Anna-Lena Muckenauer	Allotropic form of carbon	Achatz Kaufmann Klauber Magamadowa
Magdalena Matuszewska	Electrospray ionization. A versatile tool to deposit molecule on a surface. Basic principles	Pongcraz Muckenauer Heurix Neun
Gernot Neun	Discovery of the structure of DNA	Oberreiter Achatz Kaufmann Klauber
Julian Oberreiter	Mass spectrometry. Basic principles and applications	Magamadowa Pongcraz Dulle Muckenauer
Laura Achatz	How does a solar cell work? What materials are common rooftop solar cells made from?	Matuszewska Neun Kaufmann Klauber
Helene Kaufmann	Raman spectroscopy Basic principles and applications	Magamadowa Dulle Heurix Muckenauer
Julia Klauber	How does a battery work? Principles and materials	Dulle Oberreiter Achatz Pongcraz
Aiza Magamadowa	Liquid crystals and their applications	Heurix Oberreiter Matuszewska Dulle
Pongcraz Oliver Laszlo	Optical spectrometer. Principle, construction and applications	Achatz Kaufmann Klauber Magamadowa
Markus Dulle	Phases of water Supercritical water	Neun Matuszewska Heurix Pongcraz

Seminar zu den LU aus PC_ 04. Dez 2019, 17:30 Uhr (HS10.11)