Physical Limnology 2025
Workshop – Block Course

On the campus "Im Neuenheimer Feld" of the Heidelberg University.
Building INF 229; seminar room 108/110

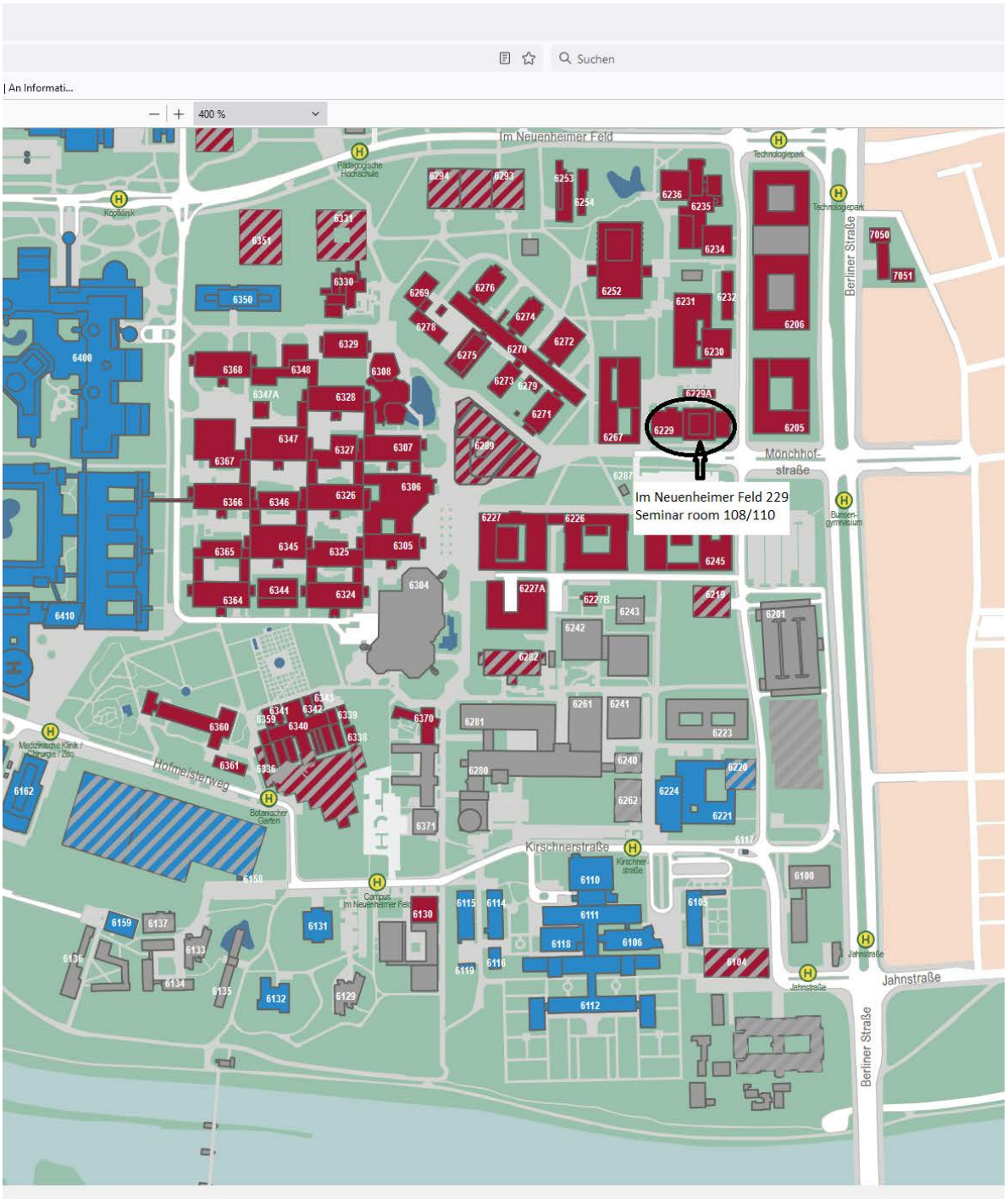
Schedule of lectures: 24th to 28th March 2025

Start time	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
9:00-9:30	--	ExL	ExB	ExB	ExL
9:30- 11:00	**B1**	**L2**	**B5**	**B7**	**B9**
11:15-12:45	**L1**	**B3**	**A1**	**B8**	**L4**
14:15-14:45	ExB	ExB	ExB	ExB	--
15:00-16:30	**B2**	**B4**	**B6**	**L3**	**--**

B Dr. Bertram Boehrer (Helmholtz Centre for Environ. Res. – UFZ, Magdeburg)
L Prof. Andreas Lorke (Univ. Koblenz-Landau, Landau)
A Prof. Werner Aeschbach (Univ. Heidelberg)
Ex exercise group

B1 - Stratification and circulation of lakes, Navier Stokes – eq.
B2 – solutes, solubility, electrical conductivity
B3 – density, stability and mixing, deep water renewal
B4 – surface waves, seiche, interfacial waves
B5 – internal waves
B6 – properties of internal waves
B7 - Permanent stratification, meromixis, climate sensitivity
L1 - Turbulence I: Introduction to turbulence
L2 - Turbulence II: Spectral characteristics and measurements
L3 - Turbulence III: Momentum and mass transport in turbulent boundary layers
L4 - Turbulence IV: Living in turbulence: biological – physical interactions
A1 – Tracers in Aquatic Environments

Further Information:
http://www.ufz.de/index.php?de=18470
Bertram.Boehrer@ufz.de



Or see: https://backend.uni-heidelberg.de/de/dokumente/lageplan-universitaet-heidelberg/download