Physical Limnology 2026
Workshop – Block Course

On the campus "Im Neuenheimer Feld" of the Heidelberg University.
Building Im Neuenheimer Feld 227 (KIP) seminar room 03.403 and 03.404

Schedule of lectures: 23rd to 27th March 2026

Start time	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
9:00-9:30	--	Ex Lorke	Ex-Boehrer	Ex- Lorke	Ex Boehrer
9:30- 11:00	**Boehrer**	**Boehrer**	**Boehrer**	**Boehrer**	**Boehrer**
11:15-12:45	**Boehrer**	**Lorke 2**	**Boehrer**	**Lorke 4**	**Boehrer**
14:15-14:45	Ex Boehrer	Ex Boehrer	Ex-Boehrer	Ex Boehrer	--
15:00-16:30	**Lorke 1**	**Boehrer**	**Lorke 3**	**Boehrer**	**--**

Dr. Bertram Boehrer (Helmholtz Centre for Environ. Res. – UFZ, Magdeburg)
Prof. Andreas Lorke (Univ. Koblenz-Landau, Landau)

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, thermobaricity
B8 - meromixis, climate sensitivity
Lorke1 - Turbulence I: Introduction to turbulence
Lorke2 - Turbulence II: Spectral characteristics and measurements
Lorke3 - Turbulence III: Momentum and mass transport in turbulent boundary layers
Lorke4 - Turbulence IV: Living in turbulence: biological – physical interactions

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