

Physical Limnology 2026

Workshop – Block Course

On the campus “Im Neuenheimer Feld” of the Heidelberg University.
Building INF (not yet known) seminar room (not yet known)

Schedule of lectures: 23rd to 27th March 2026

Start time	Mon	Tue	Wed	Thu	Fri
9:00-9:30	--	Ex	Ex	Ex	Ex
9:30- 11:00	lecture	lecture	lecture	lecture	lecture
11:15-12:45	lecture	lecture	lecture	lecture	lecture
14:15-14:45	Ex	Ex	Ex	Ex	--
15:00-16:30	lecture	lecture	lecture	lecture	--

B Dr. Bertram Boehrer (Helmholtz Centre for Environ. Res. – UFZ, Magdeburg)

L Prof. Andreas Lorke (Univ. Koblenz-Landau, Landau)

X to be decided

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

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

X1 – to be decided

X2 – to be decided

Further Information:

<http://www.ufz.de/index.php?de=18470>

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