

Date	Speaker	Institute	Topic
October 19, 2017	<i>open</i>		
October 26, 2017	Dr. Kerstin Krall	IUP, Universität Heidelberg	Indoor Hurricanes on demand: The challenges of studying air-sea interactions at extreme wind speeds
November 2, 2017	Dr. Samuel Hammer	IUP/ICOS, Universität Heidelberg	Fossil Fuel CO ₂ trends in Heidelberg and new ways to estimate fossil fuel emissions for the Rhine Valley
November 9, 2017	Prof. Dr. Thomas Wagner	MPI für Chemie, Mainz	Global trends of atmospheric water vapor (1995-2015) derived from merged time series of GOME, SCIAMACHY, and GOME-2
November 16, 2017	<i>open</i>		
November 23, 2017	PD Dr. Ullrich Köthe	HCI, Universität Heidelberg	Machine Learning I: Recent trends - new opportunities for environmental physics?
November 30, 2017	Prof. Dr. Núria Casacuberta Arola	ETH-Zurich, CH, Laboratory of Ion Beam Physics	Long-lived artificial radionuclides (I-129 and U-236) as tracers of ocean circulation in the Arctic and North Atlantic Ocean
December 7, 2017	Alexander Krull	CVL, TU Dresden Visual Learning Lab, Universität Heidelberg	Machine Learning II: Reinforcement Learning - an Overview and an Application for the Scanning Tunneling Microscope
December 13, 2017, 16.00 Uhr	Prof. Yuliya Troitskaya	Applied Physics Institute, Russian Academy of Science, Nizhny Novgorod	Sea spray at strong winds: mechanisms of production and role in hurricane mechanics and thermodynamics
December 14, 2017	Jule Thome	IUP, Universität Heidelberg	Dichte- und viskositätsgetriebene Flussinstabilitäten (Physik & Exp)
December 21, 2017	Prof. Dr. Kurt Roth	IUP, Universität Heidelberg	Christmas Talk and Celebration, CEES
January 11, 2018	Philipp Kreyenberg	IUP, Universität Heidelberg	'Machine Learning' zur Analyse von Flussinstabilitäten
January 18, 2018	Prof. Dr. Katharina Pahnke	Institut für Chemie und Biologie des Meeres (ICBM), Universität Oldenburg und Max-Planck-Institut für Marine Mikrobiologie, Bremen	Rare Earth Elements in seawater - versatile tracers for oceanic processes
January 25, 2018	Thomas Büttler	EMPA, Dübendorf CH	Herausforderungen für zukünftige Fahrzeugmotoren, der Spagat zwischen Effizienz, Schadstoff und CO ₂ -Emissionen
February 1, 2018	Prof. Dr. Christof Janssen	Institute Pierre Simon Laplace, Paris	Laserspektroskopie Ozon
February 8, 2018	Prof. Dr. Stefan Hergarten	Institut für Geo- und Umweltwissenschaften, Universität Freiburg	Self-organization of surface and subsurface flow patterns