Environmental Physics Division
Fachverband Umweltphysik (UP)

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Overview of Invited Talks and Sessions

(lecture rooms HFT-FT 131; Poster F)

Plenary and Keynote Talks related to UP

PV V	Mon	17:00–17:45	A 151	**Max-von-Laue-Lecture: The Scientific Consensus on Climate Change: Where Do We Go From Here?** — •Naomi Oreskes
PV XVI	Wed	14:00–14:45	HE 101	**The global carbon cycle in the climate system: To which extent is it manageable?** — •Martin Heimann
PV XVIII	Thu	8:30– 9:15	H 0105	**The Complex Physics of Climate Change: Nonlinearity and Stochasticity** — •Michael Ghil

Invited Talks

UP 2.1	Tue	9:30–10:00	HFT-FT 131	**Formation of secondary organic aerosol from biogenic emissions** — •Astrid Kiendler-Scharr, Jürgen Wildt, Thomas Mentel, Einhard Kleist, Ralf Tillmann
UP 7.1	Wed	15:00–15:30	HFT-FT 131	**Uncertainties of sea ice thickness estimates from SMOS radiometry and CryoSat-2 synthetic aperture radar altimetry** — •Lars Kaleschke, Nina Maass, Xiangshan Tian-Kunze
UP 7.3	Wed	15:45–16:15	HFT-FT 131	**Oceanographic measurements in Fram Strait – a gateway to the Arctic Ocean** — •Florian Greil, Agnieszka Beszczynska-Möller, Ursula Schauer
UP 8.1	Wed	17:15–17:45	HFT-FT 131	**From fs-LIDAR Sensing of the Atmosphere to fs-Optical Control** — •Ludger Woeste, Kamil Stelmaszczyk, Roland Sauerbrey, Jerome Kasparian, Jean PierreKamil Wolf
UP 12.1	Thu	10:00–10:30	HFT-FT 131	**The first Arctic ozone hole in spring 2011 - observations, current understanding and relation to climate change** — •Markus Rex, Ingo Wohltmann, Peter von der Gathen, Ralph Lehmann
UP 12.2	Thu	11:00–11:30	HFT-FT 131	**Potential tipping elements of the climate system** — •Anders Levermann
UP 12.5	Thu	12:00–12:30	HFT-FT 131	**How variable is our climate?** — •Thomas Laepple, Peter Huybers
UP 14.6	Thu	15:45–16:15	HFT-FT 131	**Detection of gaseous sulphur and halogen species in the outgassing plume from volcano Mt. Etna** — •Christiane Voigt, Philipp Jessberger, Domink Schäuble, Tina Jurkat, Robert Baumann, Guiseppe Salerno, Nicole Brobowski

Invited talks of the joint symposium SYCF

See SYCF for the full program of the symposium.

SYCF 1.1	Wed	9:30–10:00	H 0105	**Der Reaktorunfall von Fukushima: Unfallablauf, Emissionen, Immissionen** — •Gerald Kirchner, Bernhard Fischer
SYCF 1.2	Wed	10:00–10:30	H 0105	**Radiologische und radioökologische Aspekte des Reaktorunfalles von Fukushima** — •Gerhard Proehl

SYCF 1.3	Wed	10:30–11:00	H 0105	**Wie Fukushima die Energiepolitik und Energieforschung in Deutschland und international verändert** — •Joachim Knebel
SYCF 1.4	Wed	11:00–11:30	H 0105	**Entscheidungszwänge in der Weltenergieversorgung und Klimapolitik bei hoher Unsicherheit** — •Carl Christian von Weizsäcker

Sessions

UP 1.1–1.1	Mon	17:00–17:45	A 151	**Lecture by Naomi Oreskes on Climate Change**
UP 2.1–2.7	Tue	9:30–12:00	HFT-FT 131	**Atmosphere 1**
UP 3.1–3.3	Tue	12:00–12:45	HFT-FT 131	**Radioactivity and Soil**
UP 4.1–4.4	Wed	9:30–12:00	H 0105	**Symposium "Fukushima und die Konsequenzen"**
UP 5	Wed	12:30–13:30	HFT-FT 131	**Fachverbandstreffen**
UP 6.1–6.1	Wed	14:00–14:45	HE 101	**Lecture by Martin Heimann on carbon cycle**
UP 7.1–7.5	Wed	15:00–17:15	HFT-FT 131	**Cryosphere, Hydrosphere and Oceanography**
UP 8.1–8.4	Wed	17:15–18:30	HFT-FT 131	**Methods 1**
UP 9.1–9.31	Wed	18:30–19:15	Poster F	**Poster session**
UP 10.1–10.1	Thu	8:30– 9:15	H 0105	**Lecture by Michael Ghil on Climate Change**
UP 11.1–11.2	Thu	9:30–10:00	HFT-FT 131	**Methods 2**
UP 12.1–12.5	Thu	10:00–12:30	HFT-FT 131	**Climate - Modelling, joint session with jDPG**
UP 13	Thu	12:30–13:30	Poster F	**Poster session (continued from Thuesday evening)**
UP 14.1–14.10	Thu	14:00–17:15	HFT-FT 131	**Atmosphere 2**

Annual Meeting of the Environmental Physics Division (Mitgliederversammlung mit Imbiss)

Mittwoch 12:30–13:30 HFT-131

Vorläufige Tagesordnungspunkte:
- Bericht des Sprechers
- Aktivitäten des Fachverbandes
- Geplante Sommerschulen und Seminare
- Verschiedenes