

Plan for Lecture + Seminar on „The changing climate” in IRTG “Complex Networks”

Stand 24.4.2012, Organisation: Kirsten Thonicke

Time and Place: Summer Semester in 2012 following HUB calendar, Lectures and the seminar will be held in English. Date: Tuesdays, **except the first lecture**, 14:30-16:00, **except 17.7. and 24.7.**, at PIK, room can differ.

No.	Date	Room	Topic	Lecturer
1	PLEASE NOTE: Wednesday, 9 th May	A62, 3.OG	The climate system	Julia Lutz
2	15.5.	A62, 3.OG	Introduction to vegetation science	Kirsten Thonicke
3	22.5.	A62, 3.OG	Introduction to ocean science	Matthias Hofmann
4	29.5.	A62, 3.OG	Overview of regional modelling at PIK/ STAR- S statistical climate model	Jan Volkholz
	29.5. 16:00- 17:00		1.Seminar	Jan Volkholz
5	5.6.	A31, R.16 “Glaskasten”	Overview of CCLM modelling	Sebastian Schubert
	5.6. 16:00- 17:00		2.Seminar	tba
6	12.6.	A62, 3.OG	Overview of LPJmL	Kirsten

			dynamic vegetation model	Thonicke
	12.6. 16:00-17:00		3.Seminar	tba
7	19.6.	A62, 3.OG	Introduction to hydrology and the SWIM hydrological model	Valentina Krysanova
8	26.6.	A62, 3.OG	Tropical deforestation and the fate of the Amazon	Anja Rammig
	26.. 16:00-17:00		4.Seminar	tba
9	3.7.	A62, 3.OG	Climate-vegetation feedbacks in the Amazon	Anja Rammig
10	10.7.	Cupola A31	Climate convection scheme: physics and modelling approaches	Susanne Grossman-Clarke
	12.6. 16:00-17:00		5.Seminar	tba
11	17.7.	A62, 3.OG	1. Production to network analysis	J. Kurths
12	13:00 – 17:00		2. Application of networks in climate science	
13	24.7.	A62, 3. OG	Validation data in climate science	F.-W. Gerstengarbe
14	13:00 – 17:00		Statistics and other	

Seminar

There will be 5 dates for a 1-hour seminar (see table above), where the PhD students of the climate-related IRTG-projects, will give a talk. The students will select one topic out of the lectures no. 4-10 and suggest a working title to the organizers (F.-W.

Gerstengarbe, S. Grossman-Clarke, A. Rammig or K.Thonicke). The topic can be a published paper, which fits to the topic of the respective lectures, which will be introduced and discussed at the seminar.