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Summer School on Aerosol-Cloud Interactions and International CFMIP Conference on Clouds, Circulation and Climate Sensitivity | (smr 2832)

Monday 27 June 2016

Monday 27 June - First week: AGH (Kastler Lecture Hall) - Second week: former SISSA building, Main Lecture Hall (08:30-17:30)

time	title	presenter
08:30	Registration	
09:15	Introduction to the School	SOLMON, Fabien
09:30	Warm microphysics, CCN activation and impacts	POSSNER, A.
10:45	Coffee Break	
11:15	Aerosol processes, properties, variability and modelling	SOLMON, F.
12:30	Lunch break	
14:00	Cold microphysics, ice nucleation and its effects on mixed-phase and ice clouds	HOOSE, C.
15:15	Coffee break	
15:45	Modeling of cloud microphysics: from simple concepts to sophisticated parameterizations. Part I: warm-rain microphysics	GRABOWSKI, W.

Tuesday 28 June 2016

Tuesday, 28 June - First week: AGH (Kastler Lecture Hall) - Second week: former SISSA building, Main Lecture Hall (09:00-21:00)

time	title	presenter
09:00	FINANCIAL TRANSACTIONS AT OPERATIONS OFFICE, FERMI BUILDING	
10:15	Coffee break	
10:45	Cold microphysics, ice nucleation and its effects on mixed-phase and ice clouds	HOOSE, C.
12:15	Lunch break	
13:45	Warm microphysics, CCN activation and impacts.	POSSNER, A.
15:00	Modeling of cloud microphysics: from simple concepts to sophisticated parameterizations. Part II: ice microphysics	GRABOWSKI, W.
15:45	Coffee break	
16:00	Lab I: introduction to EULAG	GRABOWSKI, W.
19:00	Reception	

Wednesday 29 June 2016

Wednesday, 29 June - First week: AGH (Kastler Lecture Hall) - Second week: former SISSA building, Main Lecture Hall (08:55-17:30)

time	title	presenter
09:00	Atmospheric aerosols, cloud microphysics, and climate	GRABOWSKI, W.
10:15	Coffee break	
10:45	Introduction to aerosol observations and assimilation products	F. SOLMON, A. TOMPKINS
12:30	Lunch break	
14:00	Lab II	W. GRABOWSKI
15:00	Coffee break	
15:30	2015 ICTP Prize Ceremony	.

Thursday 30 June 2016

Thursday, 30 June - First week: AGH (Kastler Lecture Hall) - Second week: former SISSA building, Main Lecture Hall (09:00-18:00)

time	title	presenter
09:00	Cloud cover and overlap parametrizations	TOMPKINS, A.
10:15	Coffee break	
10:45	Aerosol direct and semi-direct effects	SOLMON, F.
11:30	Heterogeneous/Homogeneous ice nucleation competition	TOMPKINS, A.
12:15	Lunch break	
14:00	Lab III	GRABOWSKI, W.
15:30	Coffee break	
16:00	Lab III	GRABOWSKI, W.

Friday 01 July 2016

Friday, 1 July - First week: AGH (Kastler Lecture Hall) - Second week: former SISSA building, Main Lecture Hall (09:00-17:00)

time	title	presenter
09:00	Cloud climatology and controlling factors	BRETHERTON, C.
10:15	Coffee break	
10:45	Aerosol-coupled LES simulation of subtropical stratocumulus and POC formation	BRETHERTON, C.
11:45	Fun with clouds	STEL, F.
12:30	Lunch break	
14:00	Current Weather	TOMPKINS, A.
14:30	Participants EULAG project presentations	
15:30	Coffee break	
16:00	Participants EULAG project presentations	