

Programme ICARE-2010

Wed 27		MF CIC		Emerging Technologies for Airborne Measurements	
	09:00	In Situ Thermodynamics			
15'		M. Wendisch	DE	ULeipzig	Introduction to EWGs
15'		A. Rodi	US	UWyo	Air motion sensing: challenges still abound
15'		H. Smit	DE	Jülich	Airborne Humidity Measurements: Still a Challenge
	09:45	Cloud Physics			
15'		D. Baumgardner	MEX	U Mexico	Optical techniques
15'		Jacob Fugal	DE	Mainz	Holography
15'		Alexei Korolev	CA	ENV CA	Shattering & extinction
15'		Paul Lawson	US	SPEC	Cloud Particle Probes: Uncertainties, Limitations and Possible Solutions
10:45-11:15 Coffee Break					
	11:15	Aerosol			
15'		P. DeMott	US	CSU	IN Measurements
15'		James Allan	UK	UNIMAN	Aerosol Mass Spectrometry
15'		Manvendra Dubey	US	LANL	Photo acoustic
15'		V. Despres	DE	U Mainz	Bioaerosol
15'		G. Roberts	FR	CNRM	Airborne CCN Measurements: Challenges and Emerging Techniques
12:30-14:00 LUNCH					
	14:00	Gas Chemistry			
15'		Dwayne Heard	UK	U Leeds	Measurements of OH and other free-radicals from aircraft platforms
15'		Dave Fahey	US	NOAA	Trace gas measurements
	14:30	Active Remote Sensing			
15'		G. Vali	US	UWYO	What have airborne radars revealed about cloud microphysics?
15'		Gerhard Ehret	DE	DLR	Airborne lidar technology and application
15'		John Hair	US	NASA	Trace gas lidar
15'		B. Rauber	US	UIUC	Remote sensing from research aircraft-current technology and future potential
15:30-16:30 Coffee Break					
	16:00	Passive Remote Sensing			
15'		J. Taylor	UK	UK MetOffice	Radiation Measurements
15'		Manfred Wendisch	DE	U Leipzig	Solar and NIR radiation
15'		Catherine Prigent	FR	Obs. de Paris	Microwave
	16:45	Hyperspectral Remote Sensing of the surface			
15'		Rob Green	US	NASA	From AIS to HYPSPRI via AVIRIS
15'		Fred Kruse	US	LLC	Geology as a key application for Hyperspectral remote sensing
15'		Daniel Schlöpfer	CH	RESE	Self-Contained Atmospheric Correction and Parameter Retrieval from Imaging Spectroscopy Data
15'		Antonio Plaza	ES	UNEX	Advances in data mining processes: from multispectral to hyperspectral imagery
15'		Dar Roberts	US	UCSB	Mapping Methane over Marine and Terrestrial Surfaces using Imaging Spectrometry
15'		Timo Hyvarinen	FI	SPECIM	Hyperspectral technology as a profit commercial enterprise.
18:15-18:45 Discussion					

