■—	ıtorial	Earlin - t		Monday, June 24	ILDC	Tue	DC	II DC	┨	Wednesday , June 26	┥	CLDC	HDC	}	ACL D.C.	II DC
Tut 08:05	utorial I	Earlinet	ICLAS Meeting	CLRC Aula	ILRC Gym	CLR Aul	_	ILRC Gym		CLRC ILRC Gym Gym		CLRC Aula	ILRC Gym			ILRC Gym
08:10 08:15 08:20							Exh	ibition		Exhibition		Exh	ibition		I	
08:25 08:30 08:35				Welcome Note	Welcome Note	Soh	oastian Kauczok	(invited) Sergey Khaykin		Oliver Reitebuch			ynote		(invited) Zeb Barber	(Invited) James Kasic
08:40 08:45					welcome note	Hov Cali	w Close Can You Get to librating a Pulsed Coherent	Impact of wildfires on stratospheric aerosol	ere (7)	Challenges and achievements of the first wind lidar in space			Stevens	1	Coherent Long-Range Lidar for Autonomous Trucking at	Open-path Dual-Comb Spectroscopy Observat
08:50 08:55 09:00				(invited) Aram Gragossian Performance of a coherent Doppler lidar onboard the		Cler	ement Toupoint nd lidar performance	Robin Wing Middle Atmospheric Doppler	ermospho	on ESA's Aeolus mission		Coupling water, energy and ca grand challenge for a new era				Greenhouse Gas Spat Christian Fruck Airborne Lidar Measu
09:05 09:10 09:15				first US lunar lander since the Apollo missions	(invited) Matthew Hayman Simultaneous Measurement of Water Vapor, Temperature	o par	ationship to atmospheric rameters emo Mathijssen	Rayleigh Winds, Thorben H. Mense Wind Measurements up to	, and the	Christian Lemmerz Aeolus Validation with the DLR Airborne 2-µm and 355					TBD	of Anthropogenic Me Fabien Gibert D13C carbon isotopic
09:20 09:25 09:30				(invited) Brian Carroll Micropulsed Doppler lidars designed for mobile	and Aerosol Backscatter with Robert Stillwell Extending the Observational	မ္တိ of S	mparison of wind profiles Skiron3D and Windcube Os Doppler lidars	25km based on Aerosol Xinzhao Chu High-Detection-Sensitivity	sosphere	Farzin Amzajerdian Development and Demonstration of Navigation	Aeolus	(invited) Sammy Henderson Compact High-Power 2- micron Transmitter for	(invited) David Winker A Look Back at CALIPSO	4		composition of CO2 Christoph Kiemle
09:35 09:40				platforms: Recent advances and applications in the NOAA	Range of the MicroPulse DIAL Vasura Jayaweera	dar tech ds (5/11 uny	niaki Higashi mprehensive Validation of	Doppler and Boltzmann Satyaki Das	iere, mes	Doppler Lidar for Planetary Joint CLRC/ILRC Session John Marketon	Joint /	Coherent Lidar Applications	Chris Hostetler	mission	particle and estimation of its size distribution by low	Airborne N2O Lidar
09:45 09:50 09:55				CSL Atmospheric Remote (invited) Philip Gasch A novel airborne Doppler	Temperature Calibration of a Pure Rotation Raman Lidar John Barnes	Har Har	e Duai Doppler lidar data in mpton, VA bukazu Miyauchi	Gravity Wave Activity in the Arctic Middle Atmosphere Michael Gerding	Stratospl	Coherent Doppler Wind Lidar Suborbital and Orbital Activities at NASA Langley		Albert Töws Lag-angle compensation	Retrospective on the use of Airborne HSRL for CALIPSO Songhua Wu	lida	o o	
10:00 10:05 10:10				lidar system design for high resolution wind measurements	Constraining aerosol properties with the camera Alain Miffre	O Ves	ssel-Mounted Doppler DAR	First 3-beam lidar observations of Noctilucent Yingfei Chen	ession 4:	Shoken Ishii Doppler Wind Lidar Simulator for future space application		technique applied to a fast- scanning long-range Doppler Yunbin Wu	Algorithms and performance of the spaceborne ACDL/DQ-1 Fabien Marnas	on 8a: Sp	Scanning Doppler Lidar	Georgios Dekoutsid Changes in Supersa Inside and Around
10:15 10:20 10:25				Christoph Bollig High-performance 1545 nm	Laboratory experiment at 180.0° backscattering angle:	Roa	onori Mori admap of Metro Weather develop the cutting-edge	Can High-Sensitivity Doppler Lidar Measurements of TIMt	Ŋ	Holger Baars Two years of continuous		Crosstalk suppression in coding coherent Doppler wind lidar by adaptive FOV	ATLID first months in Space	Sessi	Adjourn and appointment of next CLRC	Joseph Finlon Mapping Cloud Mic Properties to Triple
10:30 10:35 10:40				• •	Coffee	coh	herent Doppler lidars: ffee	Coffee		Doppler lidar observations at Coffee		Coffee	Coffee			Coffee
10:45 10:50				Conee	(invited) Jens Reichardt			(invited) Jumar Cadondon	ere				Tomoaki Nishizawa			[a
10:55 11:00 11:05				(invited) Scott Brightly Coherent Doppler Lidar for	Biomass Burning Aerosol Fluorescence Spectra	은 mo	odels and data processing	Chlorophyll-a Profiling in Fresh Surface Waters by Fluorescence-Raman Lidar	s, biosph	(invited) Oliver Lux Performance of the laser transmitters and receiver		Kim Kalmankoski Detection of molecular backscattering with fiber	Aerosol Observation using the Space-borne Lidar ATLID and David Donovan	5/14)		(invited) Richard Fe Airborne High Spect Resolution Lidar
11:10 11:15 11:20				Human Motion Detection Under Dense Foliage Obscuration	Igor Veselovskii Observations of Long- Transported North American	מ	lidar-assisted control rformance	Michael Roddewig Towards a Droneborne Maritime Lidar for Fisheries	ropertie systems (signal evolution during the (invited) Remy Chalex EUMETSAT EPS-Aeolus: Status	s snlo	Dave Emmit Sorting airborne DWL ocean	ALADIN Aerosol and Cloud retrievals using ATLID-like Artem Feofilov	issions (5		Measurements of A Masanori Saito A Pathway Toward
11:25 11:30 11:35				Nikolas Angelou	María Fernández Carvelo Assessment of overlap function retrievals using	Lon	uno Martin ng-wave infrared FMCW nging systems based on	Yudi Zhou Shipborne Lidar for Exploring Marine Systems	: Ocean p	Joint CLRC/ILRC Session and Outlook Thomas Flament	Joint Ae	surface returns before computing wind stress Theo Martin	Establishing a long-term cloud record from a combination of Travis Toth	e lidar m	Spare	of Microphysical Pro Joelle Buxmann A machine learning
11:40 11:45				Rayleigh-Brillouin spectrum using a coherent Doppler	Viet Le Atmospheric aerosol	Session Lau	ternal coherent detection urent Lombard	Toshihiro Somekawa Remote Detection and	Session 5	Scientific activities at EUMETSAT for the proposed Patrick Vrancken		Breaking the ct resolution limit of wind heterodyne	Creating Regional and Seasonal Climatologies of Paolo Di Girolamo	8b: Spac		for aerosol classific Andreas Fix
11:50 11:55 12:00				Christoph Bollig Analysis of the molecular Rayleigh-Brillouin scattering	depolarization ratio with	Coh Ran	herent Wind Lidar for Shor nge Measurement	Identification of Plastics with		Aeronautics lidar revisited – Towards lidar-based gust and	d	lidars by means of a	The CALIGOLA Mission: An overview of the present	Session		Understanding gree gases: Insights from
12:05 Lur 12:10 12:15	inen			of a ground-based 1545 nm Lunch		Lun	nch			12:00-12:30 Pick up Lunchpackage		Lunch			Lunch	Lunch + ICLAS Meet
12:20 12:25 12:30																
12:35 12:40 12:45										12:30- 13:20 Free Time / maybe chaning clothes	F	_				
12:50 12:55 13:00																
13:05 13:10																
13:15 13:20 13:25																
13:30 13:35 13:40				(invited) Xinzhao Chu	(invited) Matthias Tesche CALIPSO-derived CCN			Amin Nehrir Enabling Technologies for	thods	13:30 -14:00 Meeting at Foyer talla /groups board the various buses	e		(invited) Weibiao Chen Spaceborne Aerosol and		Adjourn	Open ICLAS Meetin
13:45 13:50 13:55				Vertical Wind Measurements with High Resolution Lidars & Impacts on Upper		(1)		Cross-Cutting Airborne and Michael Strotkamp Novel emitter for a compact	s and me			in the atmospheric surface layer: a 13-month study of Steven Knoop	Carbon dioxide Detection Lidar (ACDL) Development (invited) Jiqiao Liu	s (5/14)		Closing Ceremony Adjourn
14:00 14:05 14:10					Vertical Profiles of Cloud Extinction and Cloud Top Simone Lolli	ds 2 (7/11		general-purpose Doppler Jackson Jandreau New Lidar Technique to	hnologie	14:00 Departure of buses to Regensburg		Doppler lidar vertical stare measurements in the	Global CO2 Column Concentration Monitoring for the Spaceborne Aerosol and	r mission		
14:15 14:20 14:25				Direct-detection airborne UV wind lidar including Quadri	Precipitation-Induced Aerosol Reduction Using MPLNET	and clouc		Eliminate Noise Floor from Felix Fritzsch	· lidar tec (6/11)	14:00-15:30 Traveltime aprrox.until 15:15-15:30		Julia Menken Atmospheric turbulence and	Matthias Alpers MERLIN: The Franco-German	pace lida.		
14:30 14:35					Response of mixed-phase cloud microphysics to aerosol	Aerosol	Joint CLRC/ILRC Session	Coherent Doppler lidar for aerosol-cloud-dynamics Yoshitaka Jin	O1b: New			wind turbine wakes measured with Doppler wind James Kasic	MERLIN laser transmitter for	sion 8c: S		
14:40 14:45 14:50				and Range Selective Coherent Imaging Marion Costella	Properties of In-cirrus Contrails from Airborne	ion O2b:		Use of double-passed Michelson interferometer for Philippe Linsmayer	Session (Boundary and Turbulence Isotropy using Airborne	space borne methane sensing Alessandra Ciapponi Aeolus-2: Status of pre-	Ses	ı	
14:55 15:00 15:05				'	Moritz Haarig The measured spectral slope of the lidar ratio between 355	Sess		Wind speed determination from a UV direct detection (invited) Ed Eloranta)6 Joint			Clement Toupoint Wind lidar performance relationship to atmospheric	development activities Coffee + Posters		ı	
15:10 15:15 15:20				column measurement Coffee + Posters	Cristofer Jimenez Investigating clouds and aerosol-cloud interactions			High Vertical Resolution Measurements off Backscatter, Depolarization,	Session C			parameters Perrine Meynard Turbulent coherent structures			ı	
15:25 15:30 15:35					Coffee + Posters	Cof	ffee + Posters	Coffee + Posters		15:15-15:30 Arrivel Regensburg 7 meeting Ponit Busterminal		in the atmospheric surface layer: detection on Doppler	Sessions P7/P8/P9/P10		ı	
15:40 15:45					Sessions P1/P2			Sessions P3/P4/P5/P6	\vdash	45.45 46.00.6t (1) - 0 - 11 - 1 - 12 - 1		Coffee + Posters	555516115 1 7/1 6/F 3/F 1U		ı	
15:50										15:45-16:00 Start of the Guided City Tour in Regensburg (Duration guided tours 2-2,25 hours)					ı	
15:55 16:00 16:05				Exhibition William Patino Rosas Multi-heterodyne lidar based	Exhibition	Exh	hibition	Exhibition					Exhibition		ı	
16:10 16:15 16:20				on electro-optic dual comb spectroscopy for greenhouse Mathys Thiers								CLRC Poster Session			ı	
16:25 16:30 16:35				Hybrid fiber/bulk DIAL- Doppler lidar for CO2 and wind measurement at 2.05								Exhibition			ı	
16:40 16:45				Kenya Yano Demonstration of coherent											ı	
16:50 16:55 17:00				differential absorption lidar for wind and water vapor Masaharu Imaki				Charles					(invited) Thomas Trickl		ı	
17:05 17:10 17:15				Application of coherent lidar technique: water vapor DIAL and data assimilation for		ransport		Stephan De Wekker Mobile Wind Lidar measurements of the spatial	boundary				Is there a correlation between tropospheric ozone and climate?	es (4/8)	ı	
17:20 17:25 17:30					Kylie Hoffman Remote Sensing Observations for Analysis of Planetary	ospherica aing (2/4)		Syed Abbas Using a Combination of Doppler Lidars to Understand	Flux and				Thomas Ely Mobile Tropospheric Ozone Differential Absorption Lidar	race gas	ı	
17:35 17:40 17:45					Yasukuni Shibata Characteristics of CO2 DIAL Technique for Measurement	: Atr	Joint CLRC/ILRC Session	Johannes Speidel Water vapor measurements throughout the planetary	sion O6: I				Jia Su Validation of NO2 Measurements Using a Three-	sion 9a: 1	ı	
17:50 17:55 18:00					spare	Session		Arnoud Apituley Deep-Pathfinder: A Near-Rea Time Boundary Layer Height	Joint Ses:				Julien Lahyani Raman Lidar for H2 Monitoring in Harsh	Ses	ı	
18:05 18:10								- Layer Height		18.00-18:30 Boarding ship (2 ships) Departure ship					ı	
18:15 18:20	Icebreak	ker / Performance (^	22:00)		Dinner		Di	inner				Barbecue and Awa	rd Ceremony (till late)		ı	
18:20 18:25 18:30										18:00 22:20 Shin town with div						
										18:00-22:30 Ship tour with dinner 22:30 arrival ship						