

FINAL PROGRAMME

Official opening of the Romanian Atmospheric Observatory RADO

Sep 28 , 2011

RADO, 409 Atomistilor Str., Magurele, Ilfov, Romania

September 28, 2011

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|-------|-------|--|
| 16:30 | 17:00 | Arrival of guests (<i>Refreshments, Short artistic program</i>) |
| 17:00 | 17:15 | Opening ceremony
<i>Welcome speech: Roxana Savastru, General Director, INOE</i> |
| 17:15 | 18:00 | Official speeches
<i>Doina Nicolae, RADO coordinator</i>
<i>H.E. Mr. Oystein Hovdkinn, Ambassador of Norway to Romania</i>
<i>Dragos Ciuparu, President of National Agency for Scientific Research, Romania</i>
<i>Ciaran Dearle, European Comission</i> |
| 18:00 | 18:15 | Introduction to RADO (<i>movie</i>) |
| 18:15 | 18:30 | Press conference |
| 18:30 | 19:15 | Visit of the Observatory |
| 19:15 | 20:00 | Cocktail & light show |

Conference on Environmental Remote Sensing
Workshop on Optoelectronic Techniques for Environmental Monitoring

Sep 29-30 , 2011

RADO, 409 Atomistilor Str., Magurele, Ilfov, Romania

September 29, 2011	8:45	9:30	Registration / transport to Magurele	
	9:30	10:10	Presentation of the DELICE project	
	9:30	9:50	<i>Overview of the future: HORIZON 2020</i>	<i>Ciaran Dearle</i>
	9:50	10:10	<i>DELICE - major milestone for atmospheric remote sensing in Romania</i>	<i>Doina Nicolae</i>
	10:10	14:40	Environmental Remote Sensing - session I: oral presentations	
	10:10	10:30	<i>Remote Sensing Of The Atmosphere: Monitoring Air Pollution - Understanding Climate Change</i>	<i>Ioan Balin</i>
	10:30	10:45	coffee break	
	10:45	11:05	<i>Studies of aerosols in coastal areas</i>	<i>Tymon Zelinski</i>
	11:05	11:25	<i>Aerosol remote sensing from mobile sun-photometer/lidar system. Application to DRAGON-US experiment</i>	<i>Phillipe Goloub</i>
	11:25	11:45	<i>Development of the enhanced retrieval of aerosol properties from multi-angle polarimetric PARASOL observations</i>	<i>Oleg Dubovik</i>
	11:45	12:00	<i>Spatio-temporal distribution of tropospheric aerosols over Southeast tip of Istanbul measured by Mie-Raman lidar</i>	<i>Mehmet Fatih Husevinoalu</i>
	12:00	12:15	<i>Synergistic use of in-situ and remote sensing data for accurate characterization of long range transported aerosol</i>	<i>Anca Nemuc</i>
	12:15	12:30	<i>Lidar backscatter profiles fitted by multidimensional minimization</i>	<i>Dan Dobrovolski</i>
	12:30	14:00	lunch break	
	14:00	14:20	<i>Lidar monitoring of bomb factories</i>	<i>Luca Fiorani</i>
14:20	14:40	<i>Imaging cameras for monitoring of SO2 plumes</i>	<i>Kerstin Stebel</i>	

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14:40 16:00 Environmental Remote Sensing - session II: poster presentations & exhibition				
September 29, 2011	14:40	14:43	Measurements Of Tropospheric No2 In A Romanian Region Using A Mobile Doas System	Constantin Daniel-Eduard
	14:43	14:46	Iasi County: Atmospheric volcanic ash cloud investigations. Modeling-forecast and experimental environmental approach	Mihai Cazacu
	14:46	14:49	Comparative Analysis Of Aerosol Optical Properties Using Sun Photometry	Delia Calinoiu
	14:49	14:52	Lidar determination of the atmospheric boundary layer height over Sofia, Bulgaria	Nikolay Kolev
	14:52	14:55	Retrieval of the aerosol and atmospheric boundary layer structure over mountain valley by ceilometer and lidars (Sofia, Bulgaria)	Tsvetina Evgenieva
	14:55	14:58	Comparison between the LIDAR and Ceilometer signals	Necula Cristian
	14:58	15:01	Use of remote sensing data in air quality estimation	Georgiana Grigoras
	15:01	15:04	Mixing Height Study over Magurele, Romania, Using the Ceilometer CL-31	Ungureanu Ioana
	15:04	15:07	Notes on Rayleigh scattering in lidar signals	Mariana Adam
	15:07	15:10	Study of wind vertical profile at Afumati weather station	Florin Nicodim
	15:10	15:13	Comparison of CALIPSO measurements with ground-based measurements in Romania	Andreea Boscornea
	15:13	15:16	Implementation of the multi-channel TOLI-LIDAR system for low atmosphere investigation in the Timisoara region	Ioan Vetres
	15:16	15:19	Cacica salt-mines, Suceava county: meteorological factors and balneary-climatic potential studies	Marius-Mihai Cazacu
	15:19	15:22	Z-R relations from raindrop size distribution in the southeastern part of Romania	Sorin Burcea
	15:22	15:25	Effects Of Air Pollution Upon Bucharest's Urban Heat Island Magnitude	Simona Andrei
	15:25	15:28	Analysis of wind shear instability role in atmospheric convection evolution in South-Eastern Romania based on Doppler radar velocities data	Daniel Carbanaru
	15:28	15:31	Improved observation monitoring system using UAV	Murariu Gabriel
	15:31	15:34	Modeling and Monitoring of SO2 emissions from Rovinari Large Combustion Power Plant in September 2010	Nicolae Ajtai
	15:34	15:37	Disaster Risk Reduction In South-East Europe. Regional Assessment	Marius Dogeanu
	15:37	15:40	Characteristics and trends of airborne PM distribution in a typical suburban area under rapid development	Florica Toanca
15:40	15:43	Daily air quality simulation during the summer 2010 in Switzerland - Statistical analysis of modeling results vs measurements	Olivier Couch	
15:43	15:46	Hazards Associated To Dangerous Substances Transport On Roads	Francisc Senzaconi	
15:46	15:49	Techniques for assessing air quality. Case study: Măgurele city	Razvan Radulescu	
15:49	15:52	Emission monitoring highlighted through remote sensing technique	Catalin Nisulescu	
16:00	23:00	Trip & Official dinner		

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September 30, 2011	8:45	9:30	Registration / transport to Magurele	
	9:30	14:00	Optoelectronic Techniques for Environmental Monitoring - session I: oral presentations	
	9:30	9:50	<i>Investigation of transport pathways and potential source regions of atmospheric aerosols in Belgrade: receptor modeling and LIDAR system</i>	<i>Darko Vasiljević</i>
	9:50	10:10	<i>Measurement of absolute HONO absorption cross sections by cw-CRDS technique</i>	<i>Christa Fittschen</i>
	10:10	10:30	<i>Operational Ground Based Remote Sensing at Meteorological Services</i>	<i>Dombai Ferenc</i>
	10:30	10:45	coffee break	
	10:45	11:05	<i>Remote aerosol, cloud and radiation observations over Poland - holistic and integrative research initiatives</i>	<i>Ywona Stachlewska</i>
	11:05	11:25	<i>Aerosol hygroscopicity at Ispra EMEP-GAW station</i>	<i>Mariana Adam</i>
	11:25	11:45	<i>Studies of marine aerosols</i>	<i>Tomasz Petelski</i>
	11:45	12:00	<i>Toward a nuclear safety ASOS at IFIN-HH</i>	<i>Dan Galeriu</i>
	12:00	12:15	<i>Aerosol Radiative Forcing Estimation Using Ground Based Measurements And Modtran4</i>	<i>Laura Mihai</i>
	12:15	12:30	<i>Meteo-climatic factors influence upon Cacica salt-mines, Suceava county-natural climatic areal for medical rehabilitation treatment</i>	<i>Ioan-Sorin Stratulat</i>
	12:30	14:00	lunch break	
	14:00	15:30	Optoelectronic Techniques for Environmental Monitoring - session II: round table	
	14:00	14:15	<i>Best poster and oral presentation awards</i>	<i>Doina Nicolae</i>
	14:15	15:15	<i>Info hour: clusters</i>	<i>Christiana Leucuta</i>
	15:15	15:30	coffee break	
	15:30	16:00	DELICE AB meeting	
	15:30	15:40	<i>Milestones in DELICE lifetime</i>	<i>Doina Nicolae</i>
	15:40	16:00	<i>Discussions</i>	
16:00	17:00	DELICE counterparts meeting		
16:00	16:15	<i>Projects generated by DELICE</i>	<i>Jeni Vasilescu</i>	
16:15	16:30	<i>Sustainability after DELICE</i>	<i>Viorel Vulturescu</i>	
16:30	17:00	<i>Discussions</i>		