

Prihvaćeni posteri za prezentaciju na skupu GEOFIZIČKI IZAZOVI 21. STOLJEĆA

u Zagrebu, 2. prosinca 2011.

ID	AUTHORS	TITLE	INSTITUTION	E-mail
1	Allegretti I., Herak M., Herak D.	Mohorovičić's Wiechert runs again (The phoenix rises from its own ashes)	Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	herak@irb.hr
2	Babić K., Bencetić Klaić Z.	Determination of turbulence averaging interval by Fourier analysis	Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	zklaić@gfz.hr
3	Bajić A.	Bura i opterećenje građevinskih konstrukcija vjetrom	Državni hidrometeorološki zavod, Zagreb, Hrvatska	alica.bajic@cirus.dhz.hr
4	Bajić A., Ivatek-Šahdan S., Žibrat Z.	ANEMO-ALARM - upravljanje prometom s obzirom na opasnost za vozila zbog jakog vjetra	Državni hidrometeorološki zavod, Zagreb, Hrvatska	alica.bajic@cirus.dhz.hr
5	Dasović I., Stipčević J.	Depth of Moho derived from receiver functions in relation to coda attenuation parameters in Croatia	Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	dasovici@gfz.hr
6	Erbe P. ¹ , Bencetić Klaić Z. ²	Fine particles (PM1.0) concentrations in residential quarter of Zagreb, Croatia	¹ Institute of Physics, Faculty of Mathematics and Natural Sciences, Ilmenau University of Technology, Ilmenau, Germany ² Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	zklaić@gfz.hr
7	Gašparac G., Grgurić S., Križan J., Burić M.	Modeliranje disperzije dušikovih oksida iz stacionarnih i pokretnih izvora na području Sisačko - moslavačke županije i grada Siska upotrebom WRF, CAMx i AERMOD modela	Gekom d.o.o. - Geofizikalno i ekološko modeliranje, Zagreb, Hrvatska	ggasparac@gekom.hr
8	Güttler I., Branković Č., Gajić-Čapka M.	Modeliranje sadašnje klime i budućih klimatskih promjena na području istočnog Jadrana	Državni hidrometeorološki zavod, Zagreb, Hrvatska	ivan.guettler@cirus.dhz.hr
9	Herak M., Allegretti I., Herak D., Ivančić I., Kuk V., Marić K., Markušić S., Sović I.	Seismic hazard maps of Croatia	Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	herak@irb.hr

ID	AUTHORS	TITLE	INSTITUTION	E-mail
10	Herceg Bulić I. ¹ , Branković Č. ² , Kucharski F. ³	Winter ENSO teleconnections in a warmer climate	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia ³ The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy	ihercegb@gfz.hr
11	Horvath K., Bajić A., Ivatek-Šahdan S.	Dynamical downscaling of wind speed in complex terrain prone to bora-type flows	Meteorological and Hydrological Service, Zagreb, Croatia	kristian.horvath@cirus.dhz.hr
12	Ivatek-Šahdan S., Tudor M., Stanešić A., Kovačić T., Bajić A.	Operational NWP using ALADIN model in CMHS	Meteorological and Hydrological Service, Zagreb, Croatia	tudor@cirus.dhz.hr
13	Krulić B. ¹ , Vučetić V. ² , Marki A. ¹	Changes of apple phenology in Croatia	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia	bernardakrulic@gmail.com
14	Magjarević V. ¹ , Večenaj Ž. ¹ , Horvath K. ² , Grisogono B. ¹	On Reynolds averaging scale for mid-Adriatic summer Bora flows	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia	vjeranm@gmail.com
15	Mandić I., Markušić S.	Geomagnetism in Croatia	Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	mandici@gfz.hr
16	Mihanović H. ¹ , Cosoli S. ² , Vilibić I. ³ , Ivanković D. ³ , Dadić V. ³ , Gačić M. ²	Using an artificial brain to interpret Adriatic surface currents	¹ Hydrographic Institute of the Republic of Croatia, Split, Croatia ² Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Sgonico, Italy ³ Institute of Oceanography and Fisheries, Split, Croatia	vilibic@izor.hr
17	Mikuš P. ¹ , Bedka K. ² , Strelec Mahović N. ³	Comparison and validation of satellite- based overshooting top detection methods	¹ EUMeTrain Project, Meteorological and Hydrological Service, Zagreb, Croatia ² Science Systems and Applications, Inc. at the NASA Langley Research Center, USA ³ Meteorological and Hydrological Service, Zagreb, Croatia	petra.mikus@cirus.dhz.hr

ID	AUTHORS	TITLE	INSTITUTION	E-mail
18	Mikuš P. ¹ , Strelec Mahović N. ²	Correlating overshooting tops and severe weather	¹ EUMeTrain Project, Meteorological and Hydrological Service, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia	petra.mikus@cirus.dhz.hr
19	Mladineo N. ¹ , Gržetić Z. ² , Beg Paklar G. ³ , Dadić V. ³ , Bencetić Klaić Z. ⁴ , Pasarić Z. ⁴	Possible improvement in the procedures for selection and granting access to the places of refuge based on the physical oceanography data	¹ Faculty of Civil Engineering, Architecture and Geodesy, University of Split, Split, Croatia ² Hydrographic Institute of the Republic of Croatia, Split, Croatia ³ Institute of Oceanography and Fisheries, Split, Croatia ⁴ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	beg@izor.hr
20	Pasarić M. ¹ , Orlić M. ¹ , Pasarić Z. ¹ , Međugorac I. ¹ , Čupić S. ² , Domijan N. ² , Leder N. ² , Mihanović H. ²	Monitoring sea level in Croatia	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Hydrographic Institute of the Republic of Croatia, Split, Croatia	mpasari@irb.hr
21	Plačko-Vršnak D., Mazzocco Drvar D., Tudor M., Stanešić A., Ivatek-Šahdan S.	Flash-flood in Pula, in the North Adriatic in the night of 24 to 25 September 2010	Meteorological and Hydrological Service, Zagreb, Croatia	dunja.placko-vrsnak@cirus.dhz.hr
22	Renko T., Kozarić T., Tudor M.	Testing waterspout forecasting indices over the Adriatic sea using ALADIN model	Meteorological and Hydrological Service, Zagreb, Croatia	tanja.renko@cirus.dhz.hr
23	Sović I. ¹ , Šariri K. ²	Comparing microseismic noise spectra by the image moments	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Institute of Physics, Zagreb, Croatia	sovic@rudjer.irb.hr
24	Stanešić A. ¹ , Brewster K. ²	Impact of radar data assimilation on numerical simulation of a severe storm in Croatia	¹ Meteorological and Hydrological Service, Zagreb, Croatia ² Center for Analysis and Prediction of Storms, Norman, Oklahoma, USA	stanesic@cirus.dhz.hr
25	Stanešić A., Kovačić T., Ivatek-Šahdan S., Tudor M., Horvath K., Bajić A.	Assimilation system at DHMZ	Meteorological and Hydrological Service, Zagreb, Croatia	stanesic@cirus.dhz.hr

ID	AUTHORS	TITLE	INSTITUTION	E-mail
26	Špoler Čanić K. ¹ , Strelec Mahović N. ¹ , Kavčić I. ^{2,3} , Bencetić Klaić Z. ³	Saharan dust in Croatia	Hydrological Service, Zagreb, Croatia ² Mathematics Research Institute College of Engineering, Mathematics and Physical Sciences, University of Exeter, Exeter, UK ³ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia	spoler@cirus.dhz.hr
27	Telišman Prtenjak M. ¹ , Babić K. ¹ , Mikuš P. ² , Strelec Mahović N. ²	The convective activity above Croatia and its relationship with the sea breeze	¹ Andrija Mohorovičić Geophysical Institute, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia	telisman@gfz.hr
28	Telišman Prtenjak M. ¹ , Srnc L. ² , Peternel R. ³ , Madžarević V. ¹ , Hrga I. ⁴	Atmospheric dynamics during high pollen concentrations in Zagreb in 2002 and 2003	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Zagreb, Croatia ² Meteorological and Hydrological Service, Zagreb, Croatia ³ University of Applied Sciences Velika Gorica, Velika Gorica, Croatia ⁴ "Dr. Andrija Štampar" Institute of Public Health, Zagreb, Croatia	telisman@gfz.hr
29	Tomažić I., Kuzmić M.	Improving regional AVHRR SST measurements using AATSR SST data	Ruđer Bošković Institute, Zagreb, Croatia	igor.tomazic@irb.hr
30	Tudor M.	The meteorological aspects of the DART field experiment	Meteorological and Hydrological Service, Zagreb, Croatia	tudor@cirus.dhz.hr
31	Tudor M. ¹ , Janeković I. ^{2,3}	Modeling the origin and fate of waste materials on the south- eastern Adriatic coast (Croatia)	¹ Meteorological and Hydrological Service, Zagreb, Croatia ² Rudjer Bošković Institute, Zagreb, Croatia ³ University of Hawai'i at Manoa, Honolulu, Hawaii, USA	tudor@cirus.dhz.hr
32	Tudor M., Stanešić A., Mazzocco Drvcar D., Plačko- Vršnak D., Ivatek- Šahdan S.	Heavy rainfall and flash flood in Dubrovnik on 22 nd November 2010	Meteorological and Hydrological Service, Zagreb, Croatia	tudor@cirus.dhz.hr
33	Tudor M., Stanešić A., Ivatek-Šahdan S., Horvath K.	ALADIN model simulations of the severe convective precipitation event in Pula on 25 th September 2010	Meteorological and Hydrological Service, Zagreb, Croatia	tudor@cirus.dhz.hr

ID	AUTHORS	TITLE	INSTITUTION	E-mail
34	Večenaj Ž. ¹ , Belušić D. ² , Grisogono B. ¹	Climatology of the winds at the NE Adriatic coast based on the highfrequency measurements	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Croatia ² School of Mathematical Sciences, Monash University, Victoria, Australia	zvecenaj@gfz.hr
35	Večenaj Ž. ¹ , Belušić D. ² , Grisogono B. ¹	A severe Bora event at the Vratnik Pass and the town of Senj	¹ Andrija Mohorovičić Geophysical Institute, Department of Geophysics, Faculty of Science, University of Zagreb, Croatia ² School of Mathematical Sciences, Monash University, Victoria, Australia	zvecenaj@gfz.hr
36	Vilibić I., Šepić J.	The state of the art in research of meteorological tsunamis	Institute of Oceanography and Fisheries, Split, Croatia	
37	Viher M.	Meteorološki čimbenici zrakoplovne nesreće na letu AF447	Ministarstvo obrane Republike Hrvatske, Zagreb, Hrvatska	mladen.viher@zg.t-com.hr
38	Vučetić V.	Klimatske promjene i modeliranje poljodjelske proizvodnje u Hrvatskoj	Državni hidrometeorološki zavod, Zagreb, Hrvatska	visnja.vucetic@cirus.dhz.hr