

29.4.2022.

	Time	Authors	Title
METEOROLOGICAL EXTREMES AND THEIR IMPACTS			<i>Chair: Tanja Renko</i>
9:00	9:30	Jadranka Šepić	Atmospheric forcing of extreme sea level events (invited talk)
9:30	9:45	Damjan Jelić, Maja Telišman Prtenjak, Barbara Malečić, Tanja Renko	Introduction to new thunderstorm intensity index (TSII)
9:45	10:00	Barbara Malečić, Ruoyi Cui, Damjan Jelić, Maja Telišman Prtenjak, Kristian Horvath, Nikolina Ban, Marie-Estelle Demory, Petra Mikuš Jurković, Nataša Strelec Mahović, Christoph Schär	Convection-permitting simulations of hailstorms and lightning activity over the Alpine-Adriatic region using COSMO and WRF models
10:00	10:15	Irena Nimac, Ksenija Cindrić Kalin, Tanja Renko, Tatjana Vujnović, Kristian Horvath	Hydro-meteorological analysis of summer 2020 urban flood in Zagreb
CLIMATOLOGY AND BIOMETEOROLOGY			<i>Chairs: Ivan Güttler, Ivana Herceg Bulić</i>
10:15	10:30	Lidija Srnec, Vjeran Magjarević, Ivan Guettler, Tanja Renko	Heat wave protection within Meteoaalarm in Croatia
10:30	10:45	Sara Ivasić, Margareta Popović, Ivana Herceg Bulić	Impact of tropical SSTs on the late-winter signal over the North Atlantic-European region
10:45	11:00	Renata Sokol Jurković, Ivan Güttler, Zoran Pasarić	Bivarijatna korekcija pristanosti ansambla regionalnih klimatskih modela na Širem području Jadranskog mora
11:00	11:30	Pause	Coffee break
11:30	11:45	Matej Žgela, Ivana Herceg Bulić	Seasonal variations of land surface temperature in the city of Dubrovnik, Croatia
11:45	12:00	Marijana Boras, Ivana Herceg Bulić, Matej Žgela	Temperature characteristic and heat load in the city of Dubrovnik
12:00	12:15	Irena Nimac, Ivana Herceg Bulić, Maja Žuvela-Aloise, Matej Žgela	The effect of winter and summer NAO on summer urban heat load in Zagreb
12:15	12:30	Klara Justić, Patrik Jureša, Jakov Lozuk, Margareta Popović, Matej Žgela, Ivana Herceg Bulić	Urban heat island of Zagreb - first mobile measurements
12:30	12:45	Lucija Blašković, Damjan Jelić, Barbara Malečić, Branimir Omazić, Maja Telišman Prtenjak	Hail climatology along the Croatian coast
12:45	13:45	Pause	Lunch break
AGROMETEOROLOGY			<i>Chair: Maja Telišman Prtenjak</i>
13:45	14:00	Živa Vlahović, Andreja Sušnik, Zala Žnidaršič, Maja Žun, Tjaša Pogačar	Exploring usefulness of drought indices to detect agricultural drought in Slovenian Alpine region
14:00	14:15	Branimir Omazić, Maja Telišman Prtenjak, Lucija Blašković	Performance of several models for predicting start date of phenological stages of grapevine in Croatia
14:15	14:30	Petra Sviličić, Andrej Ceglar, Ivana Herceg Bulić, Zlatko Svečnjak	Sezonsko prognoziranje u poljoprivredi
14:30	14:45	Višnja Vučetić, Mislav Anić, Jelena Bašić, Petra Sviličić, Ivana Čavlina Tomašević	Agroklimatski atlas Hrvatske u razdoblju 1991–2020
APPLIED METEOROLOGY			<i>Chairs: Branko Grisogono</i>
14:45	15:00	Vinko Šoljan, Jadran Jurković	New Convection Forecasts for Air Traffic Management
15:00	15:15	Petar Golem, Željko Večenaj, Hrvoje Kozmar, Branko Grisogono	Systematic differences in moderate to severe Bora upwind and downwind turbulence
15:15	15:30	Diana Škurić Kuraži, Ivana Nižetić Kosović, Ivana Herceg-Bulić	Analysis of Croatian burnt area in comparison with the Fire Weather Index
15:30	15:45	Kristina Šarović, Zvezdana B. Klaić	Simple one-dimensional lake temperature prediction model (SIMO v1.0)
15:45	16:15	Pause	Coffee break
WEATHER FORECASTS			<i>Chairs: Kristian Horvath</i>
16:15	16:30	Danijel Belušić, Felicitas Hansen	Ujednačavanje različitih klasifikacija atmosferskih tipova cirkulacije
16:30	16:45	Endi Keresturi	Post-processing of ALADIN forecasts using neighbourhood techniques
16:45	17:00	Stjepko Jančićev	The operational launch of eGAFOR forecast
17:00	17:15	Ivan Vujec	Sensitivity Tests of Kalman Filter Algorithm for Forecast Post-processing
17:15	17:30	Jadran Jurković, Igor Kos	The Improvement of TAF forecast Over the Years
17:30	17:45	Ines Muić	Operational forecasts of Universal Thermal Climate Index in Croatian Meteorological and Hydrological Service
17:45	18:00		Closing words