

Online conference ICT-20 @ COVID-19

What have we learned and done so far:
social, medical and educational aspect of the COVID-19 pandemic



27 May 2020, Wednesday and 28 May 2020, Thursday

CONFERENCE PROGRAM

COVID-19 ORIENTED SOLUTIONS

27 May 2020, Wednesday morning (10:00 - 13:30)

- 10:00-10:02 *Greetings*
Vedran Mornar, MIPRO President
- 10:02-10:05 *Welcome note*
Karolj Skala, MIPRO Program Committee General Chair
- 10:05-10:10 *Program Introduction*
Zorislav Šojat, Conference Moderator
- 10:10-10:25 *Digital Solutions to Fight against COVID-19 Pandemic in Croatia*
Mate Car, Deputy Minister (Ministry of Health of the Republic of Croatia, Zagreb, Croatia)
- 10:25-10:45 *COVID-19: We Crushed the First Wave. What Next?*
Gordan Lauc (Faculty of Pharmacy and Biochemistry & Genos Glycoscience Research Laboratory, Zagreb, Croatia)
- 10:45-11:05 *Information Communication Society – a Possible Ecology of the Future*
Zorislav Šojat (Centre for Information and Computer Science, Rudjer Boskovic Institute, Zagreb, Croatia)
- 11:05-11:20 *The Roles of ICT and Digital Technologies in Economy Recovery during and after Covid-19 Pandemic – Experience from Croatian Chamber of Economy*
Dražen Lučić (Croatian Chamber of Economy, Information Security Dept., Zagreb, Croatia)
- 11:20-11:35 *Social Distancing Supported by Digital Technologies and Adapted Workflows during the COVID-19 Pandemic in the Offices of Andrija Stampar Teaching Institute of Public Health*
Krunoslav Peter (Andrija Stampar Teaching Institute of Public Health, Zagreb, Croatia)
- 11:35-11:55 *"Coffee break" – Round table*
- 11:55-12:15 *A Multicriteria Approach for Risk Assessment of Covid-19 in Urban District Lockdown*
Maria Pia Fanti, Fabio Parisi, Valentino Sangiorgio, Walter Ukovich (Dipartimento di Ingegneria Elettrica e dell'Informazione, Politecnico di Bari, Italy)
- 12:15-12:30 *Social Aspects of COVID-19 Impacts on Coastal and Island Destinations – SA_COVID-19*
Kristina Brščić (Institute of Agriculture and Tourism Poreč, Croatia)

- 12:30-12:50 ***Life in the Time of COVID-19 - Social Implications on the Security and Well-being of Vulnerable Groups in the European Context***
Dalida Rittossa (Faculty of Law, University of Rijeka, Croatia)
- 12:50-13:10 ***The Effects of the COVID-19 Pandemic on Mental Health: a National Online Research***
Vesna Antičević (University Department of Health Studies, University of Split, Croatia)
- 13:10-13:30 *Round table*
- 13:30-15:00 *Lunch break*

27 May 2020, Wednesday afternoon (15:00 - 16:55)

- 15:00-15:05 *Introduction to the afternoon session*
Zorislav Šojat, Conference Moderator
- 15:05-15:35 ***Research of New Drugs and Social Aspects of a Pandemic Caused by Coronavirus Using ICT***
Ana Meštrović, Martina Ašenbrener Katić, Vedran Miletić, Patrizia Poščić (University of Rijeka, Department of Informatics, Croatia)
- 15:35-15:50 ***Nano-based Approach for Direct Lung Delivery of Azithromycin and Hydroxychloroquine to Combat Emerging Viral (SARS-CoV-2) Infection***
Roberto Antolović (Catholic University of Croatia, Zagreb, Croatia)
- 15:50-16:05 ***SARS-COV-2 Supramolecular Mimetics for Discovery of Peptides That Induce Viral Entrapment (μ CroTrap)***
Daniela Kalafatović (University of Rijeka, Department of Biotechnology, Croatia)
- 16:05-16:20 ***Modern Computer 3D Visualization Methods in Virtual Medical Modelling***
Sarajko Baksa (SabaLAB - Laboratory for Digital Arts and Sciences, Saba Art Studio d.o.o., Zagreb, Croatia)
- 16:20-16:35 ***Chest Image Analysis Methods for COVID19 Disease Severity Assessment***
Irena Galić (Faculty of Electrical Engineering, Computer Science and Information Technology, Josip Juraj Strossmayer University of Osijek, Croatia)
- 16:35-16:55 *Round table*

COVID-19 IN EDUCATION METHODS

28 May 2020, Thursday morning (10:00 - 13:25)

- 10:00-10:05 *Introduction to Thursday session*
Zorislav Šojat, Conference Moderator
- 10:05-10:20 ***Online Teaching: Challenge, Technique, and Opportunity***
Tanuja Satish Dhope (Shendkar) (Dept. of Electronics & Telecommunication, JSPM's Rajarshi Shahu College of Engineering, Pune, Maharashtra, India), **Dina Šimunić** (Faculty of Electrical Engineering and Computing, University of Zagreb, Croatia)

- 10:20-10:40 ***Information Security Risks in e-Learning: Human Error Perspective***
Tena Velki (Faculty of Education, Josip Juraj Strossmayer University of Osijek, Croatia)
- 10:40-10:50 ***Distance Learning during the COVID-19 Pandemic***
Martina Filipović Tretinjak (School of Electrical Engineering in Zagreb, Croatia)
- 10:50-11:05 ***Factors Influencing Teachers' Intention to Use e-Learning Technologies for Teaching After the COVID-19 Pandemic: The Example of Croatian Secondary School Teachers***
Sanja Križan Sučić (Faculty of Informatics, Juraj Dobrila University of Pula, Croatia),
Snježana Babić (Polytechnic of Rijeka, Croatia)
- 11:05-11:25 ***COVID-19 and Learning Analytics: The Case of Distance-Learning in Croatia***
Leo Mršić, Maja Brkljačić (Algebra University College, Zagreb, Croatia)
- 11:25-11:45 ***"Coffee break" - Round table***
- 11:45-12:00 ***Terahertz Imaging and Early Detection of COVID 19***
Moumita Mukherjee (School of Basic & Applied Sciences, Adamas University, Calcutta, India)
- 12:00-12:20 ***FOI online***
Igor Balaban (Faculty of Organization and Informatics, University of Zagreb, Varaždin, Croatia)
- 12:20-12:35 ***SmartAngel (Smart Student Guardian) - Modular ELECTRONIC SCHOOL BAG for Future Generations***
Franjo Vragolović (EDUIT j.d.o.o. Osijek, Croatia)
- 12:35-12:55 ***Distance Learning Using the Gitlab Versioning System***
Tomislav Adamović (Bjelovar University of Applied Sciences, Croatia)
- 12:55-13:10 ***Audacity – Bringing Students Closer Together during the Pandemics through Voice Connection***
Denis Vincek (Ante Kovačić Elementary School, Zlatar, Croatia)
- 13:10-13:30 ***Round table***
- 13:30-13:40 ***Closing remarks and thanks***
Karolj Skala, Zorislav Šojat

About the conference:

ICT-20 @ COVID-19 aims to exchange information, innovative ideas and best practices between countries on the use of ICT, digital technologies and platforms, social media and multidisciplinary technologies during and after the COVID-19 pandemic. It considers pandemic emergency response, education, health, economic and business recovery, and pandemic prevention phases. It aims to show how these technologies could contribute to social cohesion and improve the mental wellbeing of the population, mobilise, and strengthen civil society during and after the epidemic.

Target audience:

Individuals and civil protection agencies, public and health authorities at national, regional, and municipal levels, medical organizations, infrastructure operators and service providers, regulators, NGO's, universities, researchers, scientists, students.

How to register:

Online conference ICT-20 @ COVID-19 will be held using ZOOM platform. Registration will be available only at the following link <https://forms.gle/Cw7vFxHjMkcEdxVP8>. After you register you will shortly receive an email with the instructions how to access this event.

You are invited to share the registration link with your colleagues and associates who might be interested in this thematic.