



## Computer science protecting human society against epidemics

June 28-29 2021 - online

### Conference Programme

**Online:** <https://zoom.us/j/99986699811?pwd=S0lqV2hUeG5MUXFxVktRUVRMM2VVdz09>

#### **Monday June 28<sup>th</sup>**

All times are in CEST (UTC+2) time zone

9.30 ó 10.00 Connection time

10.00 ó 10.15

#### **Opening ó prof. Yuko Murayama**

10.15 ó 12.15 Sesion 1, Chairman Prof. Aleksander Byrski

**Marko Jukič, Sebastjan Kralj, Natalia Nikitina and Urban Bren** Bioinformatic and MD analysis of N501Y SARS-CoV-2 (UK) variant

**Natalia Nikitina, Maxim Manzyuk, Crtomir Podlipnik and Marko Jukic** Volunteer computing project SiDock@home for virtual drug screening against SARS-CoV-2

**Redwan Ahmed Rizvee and Moinul Zaber** How Newspapers Portrayed COVID-19: A Study Based on United Kingdom and Bangladesh

**Tatiana Makarovskikh and Mostafa Abotaleb** Comparison between two systems for forecasting Covid-19 infected cases

**Feodor Pen'Kov, Vladimir Derbov, Galmandakh Chuluunbaatar, Alexander Gusev, Sergue Vinitzky, Marek Gozdz and Pavel Krassovitskiy** Approximate Solutions of the RSIR Model of COVID-19 Pandemic

**Namrata Patel, Guilhem Mayoral, Yoann Abel and Fleur Brun** Ensuring interoperability of laboratory tests and results: A linguistic approach for mapping French laboratory terminologies with LOINC

12.15 – 13.00 Lunch break

13.00 – 13.45 Keynote Talk

Kenny Meesters, Tilburg University, the Netherlands

From potential to impact: Technology and Information Management in Crisis Response

14.00 – 16.30 Sesion 2, Chairman Prof. Michele Pagano

Iliyan Petrov Information entropy contribution to COVID-19 waves analysis

Natalia Shakhovska Ivanna Droniuk, Zoreslava Shpak and Myroslava Klapchuk An empirical investigation of the pandemic impact on IT students' educational schedules

Naveen Pai, Sean Zhang and Mor Harchol-Balter Computing the Death Rate of COVID-19

Augusto Felix Olaza-Maguiña and Yuliana Mercedes De La Cruz-Ramirez Information Security Education and Self-Perception of Privacy Protection Risk in Obstetrics Students during the COVID-19 pandemic in Peru

Guntis Arnicans, Laila Niedrite, Darja Solodovnikova, Janis Virbulis and Janis Zemnickis Towards a System to Monitor the Virus's Aerosol-Type Spreading

Maurice Perks A Pandemic Digital Global Architecture

## Tuesday June 29<sup>th</sup>

10.00 – 13.00

Antycovid Seminar including presentation of all other contributions

