International Academic Conference
e-methodology

HONORARY PATRON

Prof. dr hab Piotr Ponikowski – Rector of Wroclaw Medical University

SCIENTIFIC PATRON

Jarosław Barański, Prof. – Head of Department of Humanities and Social Sciences
Anna Kołcz, PhD. – Dean of the Faculty of Health Sciences
Wroclaw Medical University

International Academic Conference

21-22 April 2022

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April 21, 2022

CONFERENCE VENUE
Wroclaw Medical University
Scientific Medical Information Centre
Karola Marcinkowskiego 2-6, 50-368 Wrocław

& online via Microsoft Teams

https://teams.microsoft.com/conference

April 22, 2022

Online workshops:

Andrzej Buda. Interdisciplinary Research Institute, Głogow Poland
Detecting hierarchical structures by correlations

Maciej Pondel, Wroclaw University of Economics and Business, Poland
Medical data exploration with Decision Trees

https://teams.microsoft.com/workshops

PROGRAM OF THE CONFERENCE

April 21, 2022 CONFERENCE	
Inauguration of the conference	9.00 – 9.15
15 minutes for each presentation + 5 minutes for discussion after each presentation Poster session available at the conference's webstie and during breaks	
SESSION 1: **Infodemiology: information, epidemiology, methodology**	9.15 – 11.15
Coffee break	11.15 – 11.35
SESSION 2: **AI in Medicine and Healthcare**	11.35 – 14.45
Lunch break	13.35 – 14.05
SESSION 3: **Education**	15.00 – 18.05
The end of the conference	18.05
April 22, 2022 WORKSHOPS	
Maciej Pondel, PhD, Wroclaw University of Economics and Business **Medical data exploration with Decision Trees**	9.00
Andrzej Buda, MA, Interdisciplinary Research Institute, Głogow, Poland **Detecting hierarchical structures by correlations**	11.00

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Day 1

SESSION 1: **Infodemiology: information, epidemiology, methodology** Chaired by Mateusz Lickindorf	9.15 – 11.15
Paolo Di Sia, Prof. University of Padova, Italy **Current Perception of Epidemic between Traditional and Social Media: an Italian Case Study**	9.15 online
Alexander Semenov, PhD University of Florida, USA Yixin Zhang, PhD University of Gothenborg, Gothenborg, Sweden Catherine Ridings, PhD Lehigh University, Bethlehem, USA **What to post? Understanding engagement cultivation in microblogging with big data-driven theory building**	9.35 online
Simona Valenti, MA University of Bari Aldo Moro, Italy **Phenomenological analysis of mass media communication distortions and the effects of "virtual surveillance" in institutional communication**	9.55 online
Dominika Kunc, MSc, Joanna Komoszyńska, MSc, Bartosz Perz, MSc, Przemyslaw Kazienko, Prof, Stanislaw Saganowski, PhD Wroclaw University of Science and Technology, Poland **Validation of emotion detection system in everyday life**	10.15
Jakub Majkowski, BA University of Wroclaw, Poland **Studying at the Faculty of Social Sciences in the opinions of students and graduates – online interviews during the pandemic**	10.35
Andrzej Buda, MA, Katarzyna Kuźmicz MA, Kornelia Cypryjańska-Perucka MA, Interdisciplinary Research Institute, Głogow, Poland **Taking care about planet earth and customers in the local way**	10.55
Coffee break and poster session	**11.15 – 11.35**

SESSION 2: **AI in Medicine and Healthcare** **(Section supported by HeartBIT_4.0 - international project Horizon 2020 of the European Commission)** Chaired by Katarzyna Kaczmar	11.35 – 14.45
Agnieszka Siennicka PhD, Katarzyna Kaczmar, MA Wroclaw Medical University, Poland **Description of the project HeartBIT_4.0 Application of innovative Medical Data Science technologies for heart diseases**	11.35
David Chudán, PhD Prague University of Economics and Business **PUEB´s contribution to the HeartBIT_4.0 project**	11.55 online

Maciej Pondel, PhD Wroclaw University of Economics and Business, Poland **How to discuss AI with medical scientists and physicians?**	12.15
Szymon Urban, MD Wroclaw Medical University, Poland **Artificial Intelligence and new possibilities in cardiovascular research**	12.35
Mikołaj Błaziak, MD Wroclaw Medical University, Poland **Machine learning in guiding management of heart failure patient**	12.55
Maksym Jura, MD Wroclaw Medical University, Poland **Machine learning techniques in identifying distinct phenotypes of patients with acute heart failure. Preliminary results**	13.15
Lunch break and poster session	**13.35 – 14.05**
Agnieszka Siennicka, PhD Wroclaw Medical University, Poland **AI in medicine and health psychology: Identifying variability of structures of beliefs about health locus of control in cardiac patients**	14.05
Andrzej Jarynowski, C.Sc. AIDMED, Gdańsk, Poland **AIDMED: IoT and AI for pulmonological diseases**	14.25
Short coffee break	**14.45**

SESSION 3: **EDUCATION** Chaired by Martyna Madej	15.00 – 18.05
Agnieszka Siennicka, PhD Wroclaw Medical University, Poland **A pilot study on standardised in-hospital education about heart failure**	15.00
Maria Augusta Romão Da Veiga Branco, PhD Polytechnic Institute of Bragança - Agricultural School, Portugal **Emotional e-education - presentation of the BIP Blended Intensive Programme at Polytechnic Institute of Bragança (Portugal)**	15.20
Hyrije Mehmeti, MA University of Pristina, Kosovo **Challenges and opportunities of learning journalism online during COVID-19**	15.40 online
Viviana De Angelis, PhD University of Bari Aldo Moro, Italy **Well-being and global affective education with screen**	16.00 online

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Ildikó Szabó, PhD Károli Gáspár University of the Reformed Church in Hungary, Hungary **Online Hungarian, Slovakian and Slovenian Language for Specific Purposes teaching resources in QuILL Project**	16.20 online
Debabrata Baral, PhD Bennett University, India **COVID-19, Internet and self diagnosis**	16.40 online
Vahid Norouzi Larsari Charles University, Czech Republic **Covid-19 on education and its new paradigm in education**	17.00 online
Iwona Mazur, PhD Wroclaw Medical University, Poland **The role and importance of the Internet in public health**	17.20
Koyal Verma, PhD Bennett University, India **Health and Technology during the COVID 19 pandemic: The role of Internet**	17.40 online
The end of the conference	18.00

Poster session
Andrzej Jarynowski,C.Sc, Free University of Berlin, Germany Alexander Semenov, PhD, University of Florida, USA Mikołaj Kamiński, MD, Individual Medical Practice, Oborniki, Poland Vitaly Belik, Prof, Free University of Berlin, Germany **Analysis of perception of infectious diseases on the internet in Poland**
Ahmad Wesal Zaman, PhD Roskilde University, Denmark **Global attention to Antimicrobial Resistance (AMR) and Climate Change (CC) in the era of Social Media**
Mariola Seń, PhD, Agnieszka Lintowska, PhD, Iwona Klisowska, MA Wroclaw Medical University, Poland **Modern technologies and innovation in medicine**
Roksana Papierkowska, BA, Katarzyna Cieciora, BA, Iwona Zborowska, MA Wroclaw Medical University, Poland **Is the Internet the right source for conquering knowledge on diseases?**
Iwona Klisowska, MA, Anna Dąbek, MA, Mariola Seń, PhD, Iwona Zborowska, MA, Barbara Grabowska, PhD Wroclaw Medical University, Poland **Mobile applications used in the assessment and control of the nutritional status and malnutrition among seniors**

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Barbara Grabowska PhD, Iwona Klisowska, MA Anna Dąbek, MA, Iwona Zborowska, MA Wroclaw Medical University, Poland **What is smart watch?**
Agnieszka Lintowska, PhD, Mariola Seń, PhD Iwona Klisowska, MA Wroclaw Medical University, Poland **Psycho-social Peacebuilding Approach - now the first step is ONLINE**
Katarzyna Leszkiewicz, Jolanta Grzebieluch, PhD Wroclaw Medical University, Poland **Doctors and their image in social media**
Olga Zawierucha, Jolanta Grzebieluch, PhD Wroclaw Medical University, Poland **The image of Polish gynecologists**
Monika Wójta-Kempa, PhD, Wroclaw Medical University, Poland Irena Wolska-Zogata, Prof, University of Wroclaw, Poland Andrzej Jarynowski, C.Sc, Interdisciplinary Research Institute, Głogow, Poland **Memes as culture repositories – social emotions during "Stay at home" phase in Poland**
Dariusz Rutkowski, PhD, University of Lower Silesia, Poland Anna Malska-Śmiałowska, PhD, Wroclaw University of Health and Sport Sciences Magdalena Kazimierska-Zając, PhD, Wroclaw Medical University, Poland **The use of music in Physical Education during a pandemic**
Martyna Mencel, Scientific circle research in medicine, Wroclaw Medical University, Poland Andrzej Jarynowski, C.Sc, Aidmed, Poland Monika Wójta-Kempa, PhD, Wroclaw Medical University, Poland **Telemedicine during pandemic. Experience from remote care of Long-COVID patients**
Magdalena Kazimierska-Zając, PhD Luba Ślósarz, PhD Wroclaw Medical University, Poland **E-therapy during pandemic in Poland and worldwide – a temporary trend or a new reality?**
Dorota Kiedik, MA Wroclaw Medical University, **Online consultation in oncological care durin the Covid-19 pandemic.**