## Programme

### 8.30 – 9 am
**Opening and Welcome Addresses**

*Speakers:*
- Georgi Chaltikyan, MD, PhD (Germany), Organizing Committee Chair
- Horst Kunhardt, PhD (Germany), Scientific Committee Chair
- Dipak Kalra, PhD, FRCGP, FBCS (United Kingdom), International Chair
- Yunkap Kwankam, PhD (Switzerland), Executive Director of ISfTeH
- Bernd Sibler (Germany), Bavarian State Minister for Science and Arts
- Wolfgang Beißmann (Germany), 1st Mayor of Pfarrkirchen

### 9 – 11 am
**Plenary Session I – Host: Dipak Kalra, PhD, FRCGP, FBCS (United Kingdom)**

#### 9 – 9.45 am
**Keynote 1: Scaling up the big health data ecosystem: engaging all stakeholders!**
*Presenter: Dipak Kalra, PhD, FRCGP, FBCS (United Kingdom)*

#### 9.45 – 10.30 am
**Keynote 2: Transformation of Health and Social Care through Autonomous and Intelligent Systems - Changes and Challenges**
*Presenter: Bernd Blobel, PhD, FACMI, FACHI, FHL7, FEFMI, FIAHSI (Germany)*

#### 10.30 – 11 am
**Keynote 3: Mobile Health (m-Health) in the Developing World: Two decades of progress or retrogression**
*Presenter: Robert Istepanian, PhD (UK)*

#### 11.15 – 11.30 am
**Break**

### 11.30 am – 1.30 pm
**Plenary Session II – Host: Horst Kunhardt, PhnD (Germany)**

#### 11.30 am – noon
**Impulse Talk 1: Telecare Services: Staff Training Needs for Digital Health**
*Presenter: Malcolm Fisk, PhD, MA and Dip Housing Studies, Dip Sociology, BSc Geography and Geology (UK)*

#### noon – 12.30 pm
**Impulse Talk 2: Citizens participating in their healthcare – challenges for nurses**
*Presenter: Pirkko Kouri, PhD., MNSc, PHN, RN (Finland)*
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| 12.30 – 1 pm | **Impulse Talk 3:** Artificial Intelligence in Medicine and Health Care: Opportunity and/or Threat?  
*Presenter:* Lenka Lhotska, MSc, PhD (Czech Republic) |
| 12.30 – 1 pm | **Impulse Talk 4:** The Economic Impact of AI in Healthcare  
*Presenter:* Justus Wolff, BSc Finance, MSc Strategy (Germany) |
| 1.30 – 2 pm  | **Break**                                                                    |
| 2 – 3.30 pm | **Scientific Session I** *Moderator:* Jonathan Okereke, MSc (Germany)       |
| 2 – 2.20 pm | **Title:** Low-cost mobile solutions for tele-ultrasound  
*Presenters:* Kirill Arzamasov, Viktor Drogovoz, Tatiana Bobrovskaya  
Department of Digital Diagnostics Technologies State Budget-Funded Health Care Institution of the City of Moscow "Research and Practical Clinical Center for Diagnostics and Telemedicine Technologies of the Moscow Health Care Department" Moscow, Russia |
| 2.20 – 2.40 pm | **Title:** Design of a healthcare data model using HDF5 technology with respect to interoperability, portability and performance compared to RDBMS  
*Presenter:* Jonathan Okereke  
Healthcare Solution Architect, Uniklinik Köln, Germany |
| 2.40 – 3 pm | **Title:** Applying User Research in version change of a Clinic Management Software: Physio Plus Tech  
*Presenter:* Ram Prakash Suriyanarayanan,  
Faculty European Campus Rottal-Inn, Germany |
| 3 – 3.20 pm | **Title:** Systemic representation of information and energy processes in the body based on a short recording of heart rate variability  
*Presenters:* G. Nevoit, Ozar Mintser, M. Potiazhenko  
Department of Internal diseases and Emergency medicine of the Ukrainian Medical Stomatological Academy, Department of Medical Informatics of the Shupyk National Medical Academy of Postgraduate Education |
| 3.20 – 3.30 pm | **Q&A, Discussion & Wrap-up**                                                |
| 2 – 3.30 pm | **Scientific Session II** *Moderator:* Helana Lutfi, MSc (Germany)           |
| 2 – 2.20 pm | **Title:** Telemedicine in the Context of Medical Education During Action Against COVID-19  
*Presenters:* Soraia Damião, Julia Cré, Rafaela Almeida, Raphaela Fiorita,  
João Bizário  
Universidade Municipal de São Caetano do Sul, São Caetano do Sul, Brazil |
| 2.20 – 2.40 pm | **Title:** Information technology in the transformation of medical education  
*Presenters:* Ozar Mintser, Pavel Ganinets, Olexandr Sarkanich, Natalia Myronenko, Yaroslav Shevchenko  
Department of Medical Informatics of Shupyk National Medical Academy of Postgraduate Education |
| 2.40 – 3 pm | **Title:** Smart Medical Communicator for Estimating Quality of Life  
*Presenters:* Volodymyr Romanov, Tetyana Panyakhanina, Oleksandra Kovyurova  
V.M. Glushkov Institute of Cybernetics of the NAS of Ukraine, R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology of NAS of Ukraine |
| 3 – 3.20 pm | **Title:** The Impact of Artificial Intelligence Applications on Users Behaviour in the Medical Context: A Primary Systematic Review  
*Presenter:* Helana Lutfi,  
Faculty European Campus Rottal-Inn, Germany |
| 3.20 – 3.30 pm | **Q&A, Discussion & Wrap-up**                                                |
2 – 3.30 pm  CONEDIG Special Session  
Moderator: Frank Lievens

2 – 2.05 pm  Introduction of CONEDIG – Consortium of Educational institutions in Digital Health  
Presenter: Frank Lievens

2.05 – 2.30 pm  Briefing by representatives from the founding institutions (CONEDIG)  
Presenters: Georgi Chaltikyan (DIT-ECRI, Germany), Simone Farah (Universidade do Estado do Rio de Janeiro, Brazil), Dominique Breilh (Université de Bordeaux, France), Valery Stolyar (RUDN, Russia), Maurice Mars (University of KwaZulu Natal, South Africa)

2.30 – 2.45 pm  Presentation of the discussion paper "CONEDIG: A Roadmap to the Future of Digital Health Education"  
Presenter: Fara Aninha Fernandes, DIT-ECRI

2.45 – 3.15 pm  Q&A, Discussion and Approval of the paper

3.15 – 3.30 pm  Conclusion, Future Actions & Wrap-up

3.30 – 4 pm  Break

4 – 5.30 pm  Plenary Session III – Host: Georgi Chaltikyan, MD, PhD (Germany)

4 – 4.45 pm  Keynote 4: Applied Public Health Informatics: An eHealth Discipline Supporting Response to COVID-19, Chronic Diseases, and Social Determinants  
Speaker: Brian E. Dixon, MPA, PhD, FACMI, FHIMSS (USA)

4.45 – 5.30 pm  Keynote 4: The International Digital Transformation of Healthcare: Telehealth Development in the Global Community  
Speaker: Dale Alverson, MD, FATA, FAAP (USA)

5.30 – 6 pm  Closing of the DigiHealthDay-2020

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