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Bayerisches Staatsministerium für
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ISiTeH | International Society for
Telemedicine & eHealth
Your Global Partner in Digital Health



DGDM Deutsche
Gesellschaft für
Digitale Medizin



DGTelemed



DIGITAL HEALTH NEWS

DIGITAL HEALTH SUMMIT 2021

DIGIHEALTHDAY

DigiHealthDay is a recurring series of international educational and research events dedicated exclusively to Digital Health, organized and hosted by DIT-ECRI, consisting of a one-day scientific symposium and a series of pre-meeting workshops, seminars, and special guest lectures. The series explores modern Digital Health and its role in tackling global health problems from a uniquely international and interdisciplinary perspective, with a special focus on Digital Health Education. A global scientific event series that brings Academia, Industry, Policymakers, Payers, Patients, and Communities together for a unique Digital Health experience.

EUROPEAN CAMPUS ROTTAL-INN

The European Campus Rottal-Inn (ECRI) in Pfarrkirchen has been established in 2015 as the international study and research location of the Deggendorf Institute of Technology, which celebrated its 25th anniversary in 2019. The seven bachelor and master programmes in Tourism Management, Digital Health and Engineering are taught exclusively in English. The campus has around 1,000 students from 80 countries. ECRI maintains partnerships with nearly 200 universities in 60 countries through the network of the Deggendorf Institute of Technology. The European Campus is a recognized pillar of the high-tech strategy of the city of Pfarrkirchen and the district of Rottal-Inn in the region.



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Stand: 11.2021, © THD Marketing

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INSTITUTE OF
TECHNOLOGY **DIT**



EUROPEAN CAMPUS ROTTAL-INN,
PFARRKIRCHEN, GERMANY

DIGIHEALTHDAY-2021

GLOBAL LOOK AT DIGITAL HEALTH
FROM THE HEART OF EUROPE

INTERNATIONAL
SCIENTIFIC
SYMPOSIUM

12
NOV
2021



8:30 - 9:00 Opening and Welcome Addresses
Virtual Room 87147445781 (Zoom ID) | Campus Room: EC.1.07

Speakers:
Prof. Dr. Georgi Chaltikyan (Germany)
 Organizing Committee Chair; Opening Address;
Klaus Holetschek (Germany)
 Bavarian State Minister for Health and Care, Video Greeting;
Bernd Sibler (Germany)
 Bavarian State Minister for Science and Arts, Video Greeting;
Wolfgang Beißmann (Germany)
 1st Mayor of Pfarrkirchen;
Prof. Dr. Dipak Kalra (United Kingdom)
 International Chair;
Prof. Dr. Horst Kunhardt (Germany)
 Scientific Committee Chair;
Prof. Dr. Yunkap Kwankam (Switzerland)
 Executive Director of ISfTeH

9:00 - 11:00 Plenary Session I Host: Prof. Dr. Georgi Chaltikyan
Virtual Room 87147445781 (Zoom ID) | Campus Room: EC.1.07

9:00 - 9:40 **Keynote 1:**
 Digital Health Ecosystem -
 The Role of Academia, Industry and the Patient Groups
 Speaker: Prof. Rajendra Gupta

9:40 - 10:20 **Keynote 2:**
 Evaluation of Digital Products -
 Challenges, Functions and Opportunities
 Speaker: Dr. Filippo Martino

10:20 - 11:00 **Keynote 3:**
 Enabling Interoperability of Information and Processes
 Across Health Domains and Countries
 Speaker: Prof. Dr. Sylvia Thun

11:00 - 11:15 Coffee Break

11:15 - 13:00 Parallel Sessions*

EFMI Session	Scientific Session	CONEDIG Session	Student Session
Host: Prof. Dr. Lars Lindsköld	Host: Prof. Dr. Mouzhi Ge	Host: Frank Lievens	Host: Prof. Dr. Horst Kunhardt

13:00 - 14:00 Lunch Break

14:00 - 15:45 Plenary Session II Host: Prof. Dr. Horst Kunhardt
Virtual Room 87147445781 (Zoom ID) | Campus Room: EC.1.07

14:00 - 14:30 **Impulse Talk 1:**
 Integration of Digital Health Services in National Health
 Systems to Enable Achieving of Universal Health Coverage
 Speaker: Prof. Najeeb Al-Shorbaji

14:30 - 14:50 **Impulse Talk 2:**
 Are We Thinking Broadly Enough About the Ethics of AI?
 Speaker: Dr. Nathan Lea

14:50 - 15:20 **Impulse Talk 3:**
 Health Informatics Contributions to COVID-19 Pandemic
 Response and Control
 Speaker: Prof. Dr. Brian Dixon

15:20 - 15:40 **Impulse Talk 4:**
 Innovation and Entrepreneurship in Digital Health
 Speaker: Tatyana Kanzaveli

16:00 - 17:30 Panel Discussion Host & Moderator: Prof. Dr. Dipak Kalra
Virtual Room 87147445781 (Zoom ID) | Campus Room: EC.1.07

The Future of Digital Health Data: Achieving the Opportunities,
 Addressing the Anxieties, Responding to Risks
 Panelists: Dr. Georg Muenzenrieder, PD Dr. Dominik Pförringer,
 Tatyana Kanzaveli, Artur Olesch

17:45 - 18:00 Wrap-up and Closing

* Parallel Sessions

EFMI Session Host: Prof. Dr. Lars Lindsköld
Virtual Room 87147445781 (Zoom ID) | Campus Room: EC.1.07

11:15 - 11:20 From Why to How, Let the D in Digital Stand for Doing!
 Speaker: Prof. Dr. Lars Lindsköld

11:20 - 11:50 Building Dynamic Capabilities in Healthcare Organizations
 Speaker: Prof. Dr. Tomas Lindroth

11:50 - 12:20 The Management of Semantic and Terminology
 Infrastructure plays a Key Role for an Effective Health
 Information System (HIS)
 Speakers: Dr. Roberta Gazzarata, Prof. Dr. Mauro Giacomini

12:20 - 12:50 Digital Transitioning at a Micro Scale:
 The Case of a Hospital Automated Cabinet
 Speaker: Dr. Valentina Lichtner

12:50 - 13:00 Wrap-up and Discussion

Scientific Session Host: Prof. Dr. Mouzhi Ge
Virtual Room 82353701402 (Zoom ID) | Campus Room: EC.0.13

11:15 - 11:30 Experiences with and Lessons Learnt from an Online
 Objective Structured Clinical Examination in Medical
 Undergraduate Students
 L. Wetzlmair, V. O'Carroll, A. O'Malley,

11:30 - 11:45 Migrating from Monolithic Healthcare Legacy Systems to a
 FHIR-Compliant Microservice Architecture - SOA Approach
 J. Okereke, A. Beyer, O. Beyan

11:45 - 12:00 Data Augmentation with Noise Estimation for COVID 19
 Detection
 D. R. Beddiar, M. Oussalah, T. Seppänen

12:00 - 12:15 Synchronous Telemedicine Approach to International Zika
 Child Research During the COVID-19 Pandemic
 M. Arroyave-Wessel, S. B. Mulkey

12:15 - 12:30 Smart Communicator for Small Subpopulations Health
 Assessment Using Steps Instrument
 V. Romanov, N. Foigt, O. Kovyrova

12:30 - 12:45 Evaluation Of Electro-Photonic Emission Analysis Indicators
 in Patients With Ischemic Heart Disease
 O. P. Mintser, M. M. Potiazenko, G. V. Nevoit

12:45 - 13:00 Developing a Simulated EMR Platform for
 Undergraduate Courses
 I. C. F. da Cruz

CONEDIG: Annual Consortium Meeting Host: Frank Lievens
Virtual Room 89750907323 (Zoom ID) | Campus Room: EC.1.13

11:15 - 11:20 Opening and Introduction
 Speaker: Frank Lievens

11:20 - 11:25 Overview of ISfTeH Education Activities
 Speaker: Dr. Jefferson Fernandes (Director, Education Program, ISfTeH)

11:25 - 11:35 Summary of Activities by CONEDIG in the Last One Year
 Speaker: Fara Fernandes

11:35 - 12:30 Review and Report of CONEDIG Activities in 2021
 Speaker: Members

12:30 - 12:55 Brainstorming & Discussion on Upcoming CONEDIG
 Events and Activities for 2022
 Speaker: Members

12:55 - 13:00 Wrap-up and Closing

Student Session Host: Prof. Dr. Horst Kunhardt
Virtual Room 81701226045 (Zoom ID) | Campus Room: EC.1.17

11:15 - 11:20 Introduction to Student R&D Project Contest

11:20 - 11:35 A New Telemedicine Service within Primary
 Healthcare Facilities in Tunisia
 Balkiss Abdelmoula

11:35 - 11:50 Usage and Effectiveness of Digital Health Technology (DHT)
 as a Tool for the Management of Mental Health in South-
 West Nigeria during COVID-19 Pandemic
 Elegbede Adeniyi

11:50 - 12:05 Therapeutic Effects Electrical Stimulation, Graded Exercise,
 Pediatric Zig Zag Zebra Walker and AFO in 5years Old
 Duchene Muscular Dystrophy Survivors-Single Case Report
 T. Karthikeyan

12:05 - 12:20 Digital Health Aging Population Telemedicine Education
 Mobile Technology Telemedicine for Old People
 Hamza Maatouk

12:20 - 12:35 Patients' Experiences with Telemedicine Interventions
 in Mental Health Care
 Ciara Pletcher

12:35 - 13:00 Discussion and Announcement of Prize Winners

ROOMS

Session	Virtual Room (Zoom ID)	Campus Room
Opening & Welcome Addresses, Plenary I, Plenary II, EFMI, Panel Discussion	87147445781	EC.1.07
Scientific	82353701402	EC.0.13
CONEDIG	89750907323	EC.1.13
Student	81701226045	EC.1.17