



WELCOME
October 18-22, 2020, Porto, Portugal

**DigitalWorld
2020**

ICDS, ACHI, GEOProcessing, eTELEMED, eKNOW, eLmL, ALLENSENSORS, SMART ACCESSIBILITY

WELCOME

Enjoy indefinite free access to the .pdf presentations and/or pre-recorded videos along with their corresponding full papers.

MANY THANKS FOR YOUR HARD WORK

Tough times ask for tough scientists and here you are. Authors, Chairs, Reviewers, Logistics acted exemplarily for putting together an exceptional program.

Happy New Year, 2021!

KEYNOTES, TUTORIALS, PANELS

- **6 KEYNOTE PRESENTATIONS**

- **Prof. Dr. Kuvvet Atakan**
- **Prof. Dr. Alexander Mikroyannidis**
- **Prof. Dr. Lasse Berntzen**
- **Prof. Dr. Mortaza S. Bargh**
- **Prof. Dr. Monika Steinberg**
- **Prof. Dr. Theo Lynn**

- **4 TUTORIALS**

- **Dr. Loris Bozzato**
- **Dr. Ing. Almudena Rivadenevra-Torres**
- **Dr Alexey Cheptsov**
- **Prof. Dr. R. Bruce Wallace**

- **4 PANELS ON INTERESTING TOPICS WITH WELL-KNOWN SCIENTISTS**

- **Sensing and Digital Processing–Prof. Dr. Paolo E. Cruvinel (Chair)**
- **Discovery and Learning– Prof. Dr. Claus-Peter Rückemann (Chair)**
- **Telemedicine and HealthCare – Prof. Dr. Arian Rajh (Chair)**
- **Cognitive Human-Machine Interaction - Dr. Marie SjölindeR (Chair)**

12 SPECIAL TRACKS

BAVC: Human Computer Interaction and Behavior Analysis Using Vision Cameras
Session chair: Prima Oky Dicky Ardiansyah

MACHINE: Machine Learning in Human-Computer Interaction Systems
Session chair: Idoko John Bush

TACT-21: Tactile Display Devices and Their Practical Applications in the 21st Century
Session chair: Simona Vasilache

ACHI-CSCW: Exploring Computer-Human Interactions in new Contexts of Computer Supported Cooperative Work
Session chair: Diana Saplacan, Klaudia Çarçani

EmerTech: Emerging Technologies for Sensing Applications
Session chair: Almudena Rivadeneyra-Torres

KMI 4.0: Toward Industry 4.0 by Knowledge Management
Session chairs: Samia Aitouche, Aksa Karima

SRI40: Student Research Innovations 2020
Session chair: Melissa Stange

QualiChain: Decentralised Qualifications on the Blockchain
Session chair: Alexander Mikroyannidis

IQOL: Improving Quality of Life
Session chair: Yoshitoshi Murata

SADLE: Services and Applications based on Deep Learning for eHealth
Session chair: Saturnino Vicente-Díaz, Javier Civit-Masot

DSD: Digital Service Design
Session chair: Samantha Papavasiliou, Carmen Reaiche

PPODS: Protecting Privacy in Open (& Big) Data Settings
Session chair: Sunil Choenni, Mortaza S. Bargh

Special and Regular Contributions

Despite the ups/downs of the virus, early submissions were more enthusiastic as everyone was hoping that the fall season will find us safe, but also virus-free. We wish this were the case and everyone could have attended in person and enjoyed the event.

It is important to say that the help and contributions of all active members, chairs, keynote speakers, tutorial speakers, chairs of special tracks, authors and members of the respective program committees were outstanding. The result is illustrated by a very rich and instructive program.

We hope you will enjoy it.

Hope dies last! Hoping for better with ***DigitalWorld 2021***, July 18-22, Nice, French Riviera, France.

Be Safe and Stay Healthy!

Chairs

Logistics

November 21/2020