InfoWare 2021 and DigitalWorld 2021 Preliminary On Site Program

The program is continuously updated. This version is as of June 22, 2021.

Monday, July 19

4:00pm Reception (open on Tuesday, Wednesday)

6:00pm - 7:00pm
Welcome Cocktail

Tuesday, July 20

DigitalWorld 2021

9:00am - 10:00am
Keynote Speech: An Introduction to Intelligent GEOProcessing
Speaker: Prof. Dr. Robert Laurini, Knowledge Systems Institute, USA

10:00am - 10:15am
Coffee break

10:15am - 12:00pm
DigitalWorld I
Chair: Robert Laurini

Optimal scaling of predictors for digital mapping of soil properties
Andrei Dornik, Marinela Adriana Cheţan

Enhancing Experience of the Digitally Conscious Customer
Deniss Ščeulovs

Combining Multiple Modalities with Perceiver in Imitation-based Urban Driving
Shubham Juneja

Study on Effective Coverage of Low-Cost LoRa Devices
Pascal Lorenz

12:00pm - 12:15pm
Coffee break

12:15pm - 14:00pm
DigitalWorld II
Chair: Deniss Ščeulovs

Holographic participation in class using augmented reality
Manuel Rebol

Effectiveness of a Biometric Patient Identification System
Eman Buhagiar

Quantitative Scoring System to assess Performance in Experimental Environments
Ron Becker

Personality Traits in the Relationship of Emotion and Performance in Command-and-Control Environments
Alina Schmitz-Hübsch

6:00pm - 9:00pm
Gala Dinner

Wednesday, July 21

InfoWare 2021

9:00am -10:00am
Keynote Speech: The Role of Computational Neuroscience Machine Intelligence in Sentience, Common Sense and Artificial Consciousness
Speaker: Prof. Dr. Rory Lewis, University of Colorado at Colorado Springs, USA

10:00am - 10:15am
Coffee break

10:15am - 12:00pm
InfoWare I
Chair: Przemek Pochec

The Architecture of a Software Framework for Biologically-Inspired Optimization Algorithms
Silvia Curteanu

Synthesis of Neonate Connectomes for Artificial Sentience and Common Sense
Rory Lewis

The COSMO@Home Application – Iterative Development and Implementation of the Learning Goals
Marie Sjölinder

12:00pm - 12:15pm
Coffee break

12:15pm - 1:30pm
InfoWare II
Chair: Silvia Curteanu

Friction invariant object reconstruction using a vibrissa-inspired tactile sensor concept
Lukas Merker

Advances in Mobile Medium Ad Hoc Network Research
Przemek Pochec

Optical Flow Sensor Based on Thermal Time Constant Measurement
Jernej Hribar

1:30pm
Farewell