

# WORKSHOP SCHEDULE

## Thursday, October 26, 2023

### Virtual Room I: The 12th International Workshop on Intelligent Data Processing (IDP)

Workshop starts at 9:00 CEST

- "What do Airbnb users care about before, during and after the COVID-19? An analysis of online reviews" by Qian Liu, Paolo Mengoni
- "Predictive Behavior Modeling Through Web Graphs: Enhancing Next Page Prediction Using Dynamic Link Repository" by Julian Marvin Jörs, Ernesto William De Luca
- "Standardization of Music Loudness in the New Media Era" by Yihao Wang, Zhenbiao He
- "RITA: a Phraseological dataset of CEFR Assignments and Exams for Italian as a Second Language" by Valentina Franzoni, Giulio Biondi, Yuanxi Li, Alfredo Milani, Valentino Santucci
- "Predicting Academic Performance of University Students Using Machine Learning: A Case Study in the UK" by Titilayo Olabisi Soyoye, Tianhua Chen, Richard Hill, Keith Mccabe
- "Preliminary tasks of word embeddings comparison of unaligned audio and text data for the Kazakh language" by Zhanibek Kozhribayev, Talgat Islamgozhayev, Altynbek Sharipbay, Arailym Serkazyyeva, Zhandos Yessenbayev
- "Achieving Interoperability in Energy Systems through Multi-Agent Systems and Semantic Web" by Miriam Zawadi Muchika, Oudom Kem, Sarra Ben Abbes, Lynda Temal, Rim Hantach

### Virtual Room I: Personalized QA and its applications (PQAIA)

Workshop starts at 13:30 CEST

- "MKGS: Maintains the original structure of Knowledge Graph" by Zheng yao, Cen Jianhe, Sun Shiqi, Yin Dahu, Li Jingyuan, Wang Yuanzhuo
- "Social Robot Detection on Short Video Platform Based on Random Forest and LDA Model" by Bo Li, Shiqi Sun, Jingyuan Li, Qiong Wu, Yao Zheng, Haoliang Zhang
- "Named Entity Recognition in Classical Chinese by Lexicon Enhancement" by Jianye Yu, Xiangyilan Feng, Jie Li, Jialin Liu

### Virtual Room I: GENUINE (modelinG, lEarning, and miniNg to coUnTer INformation disordEr)

Workshop starts at 15:30 CEST

- "Avoiding information disorder in Disaster Recovery through Internet of Things" by Davide Macri

### Virtual Room I: The 1st International Workshop on Artificial Intelligence of Things for Healthcare

Workshop starts at 16:30 CEST

- Invited Talk:** "When Artificial Intelligence Meets the Internet of Things: Motivations, Challenges, and Applications" by Wei Xiang (Cisco)
- "Vision-Based Automatic Groceries Tracking System - Smart Homes" by Divya Mereddy

### Virtual Room II: Web Intelligence meets Brain Informatics

Workshop starts at 9:00 CEST

- "A Parallel Gannet Optimization Algorithm for Image Segmentation" by Jeng-Shyang Pan, Yingying Wang, Shu-Chuan Chu, Ning Zhong
- "Orthogonal Learning Rafflesia Optimization Algorithm with Quasi-affine Transformation Evolutionary and Its Application in Wireless Sensor Networks" by Jeng-Shyang Pan, Xin-Yi Zhang, Shu-Chuan Chu, Ning Zhong
- "AutoBloom: AI-Based Classification of Cognitive Levels in Educational Content" by Thanveer Shaik, Xiaohui Tao, Lin Li, Yuan Sun, Yan Li, Ji Zhang, Christopher Dann
- "Multi-Planar MRI-Based Classification of Alzheimer's Disease Using Tree-Based Machine Learning Algorithms" by Noushath Shaffi, Vimbi Viswan, Mufti Mahmud, Karthikeyan Subramanian, Faizal Hajamohideen
- "NetFeatures-Transformer: Enhancing Brain Network Features to Classify Alzheimer's Disease" by Yu Cao, Hongzhi Kuai, Ning Zhong, Bixin Wang, Fengmei Fan, Jianzhuo Yan
- "Enhancing Time Series Representation Learning with Spatiotemporal Dynamic Encoding" by Jinqun Ji, Jianzhuo Yan, Yu Cao
- "Joint Constrained Learning for Causal Event-Event Relation Extraction of Brain Connectome" by Lianfang Ma, Jianhui Chen, Yiyu Yao, Ning Zhong
- "Mutual Information Based Method for fMRI Cognitive Feature Selection" by Xiaofei Zhang, Yang Yang, Ning Zhong
- "The Neural Correlates of Frustration: A Meta-Analysis on Frustrative Nonreward and Stress" by Yilin Meng, Yang Yang, Zhihui Yang, Yufeng Xing, Shuping Tan, Ning Zhong

### Virtual Room II: International Workshop on ChatGPT for Business Applications

Workshop starts at 13:30 CEST

- "An Inquirer-Responder Architecture Using LLMs: Emulating Virtual Hearing Q&A in Education" by Takafumi Nakanishi
- "Student Perceptions of ChatGPT through an Expectancy Value Theory" by Prema Sankaran, Raksha Deshbhag, Krishna Durbha, Raj Gururajan, Xujuan Zhou
- "Would Business Applications such as the FinTech benefit by ChatGPT? If so, where and how?" by Mohsin Asad Gill, Xujuan Zhou, Rohan Genrich, Raj Gururajan, Faisal Nabi

### Virtual Room II: The 8th International Workshop on Integrated Social CRM (iCRM 2023)

Workshop starts at 15:30 CEST

- "How Integrated Social CRM Effects Business Success: Learnings from a Literature Analysis" by Max Gräser, Connor Harris, Rainer Alt, Olaf Reinhold
- "Market Overview in Social CRM: An analysis of job advertisements" by Pedro Henrique Costa Menezes, Adrielson Ferreira Justino, Barbara Adriana Pires Barata, Antonio Fernando Lavareda Jacob Junior, Fábio Manoel França Lobato

### Virtual Room III: The 4th International Workshop on AI for Social Good in the Connected World

Workshop starts at 9:00 CEST

- "K-STTN: Knowledge-induced Spatio-Temporal Transformer Networks for Traffic Forecasting" by Youjie Wan, Jing Li, Qi Guo, Yue Peng, Benyun Shi
- "Vaccine Allocation Strategy for Addressing Vaccine-Induced Asymptomatic Infections" by Aibin Tang, Yineng Gao, Miao Liu, Yue Peng, Jiming Liu, Benyun Shi
- "Open Government Data (OGD) Framework for Sustainable Development" by Maria Fasli, Amani Yousef Owda, Tufail Abbasi, Majdi Owda, Lampros Stergioulas, Bhanu Neupane
- "An Exploratory Data Analysis and Visualizations of Underprivileged Communities Diabetes Dataset for Public Good" by Majdi Owda, Amani Yousef Owda, Maria Fasli
- "Embedding SDGs in Higher Education Curricula: A Case Study" by Sri Devi Ravana, Myat Noe Win, Nasa Zata Dina, Maria Fasli
- "Towards Detecting and Quantifying Identity-Based Polarization in Online Content: A Deep-Learning Approach" by Hima Thota, Melody Moh, Teng-Sheng Moh

### Virtual Room III: The 8th Int.l Workshop on Application of Big Data for Computational Social Science (ABCSS2023)

Workshop starts at 13:30 CEST

- "Stock Market Simulation by Micro-Macro GAN" by Yusuke Naritomi, Takanori Adachi
- "Characterizing the Behavior of Healthcare Experts Towards COVID-19 Vaccine on Twitter" by Tomoka Nakazato, Yuya Shibuya, Soichiro Takagi
- "Transitioning to the Digital Generation: An Examination of the GIGA Initiative (2019-) and Usage Patterns of Educational Smartphone Apps A Case Study of Anonymous Students' Learning in the COVID-19 Vortex" by Yasuko Kawahata
- "When Hub Seeding Works in Influencer Marketing" by Makoto Mizuno
- "Methods For Determining Emotion In Social Networks" by Banu Yergesh, Gulmira Bekmanova, Lyaila Kenzhina
- "RoBERTa Trained from Scratch on GPS Trajectory Data" by Shouji Fujimoto, Atushi Ishikawa, Takayuki Mizuno
- "Visual Insights: Enhancing Online News Maps with Relevant Illustrations" by Taichi Nakajima, Takayasu Fushimi
- "Analysis of Psychographic Indicators via LIWC and Their Correlation with CTR for Instagram Ads" by Kenjiro Inoue, Mitsuo Yoshida
- "STC+K: a Semi-global triangular and degree centrality method to identify influential spreaders in complex networks" by Srestha Sadhu, Amrita Namirtha, Mariana Curado Malta, Animesh Dutta