

CONFERENCE SCHEDULE

Friday, October 27, 2023

Session A: "Web of Trust, Web of Data, Special Track" - Room "Guido Cazzavillan"

Morning Session: starts at 11:00 CEST

- "Unveiling the Potential: Harnessing Deep Metric Learning to Circumvent Video Streaming Encryption" by Arwin Gansekoete, Tycho Bot, Rob van der Mei, Sandjai Bhulai, Mark Hoogendoorn *Long*
- "Web Content Filtering through knowledge distillation of Large Language Models" by Tamás Vörös, Sean Bergeron, Konstantin Berlin *Short*
- "DeMaTO: An Ontology for Modeling Transactional Behavior in Decentralized Marketplaces" by Sogolsadat Mansouri, Vodelina Samatova, Nodirbek Korchiev, Kemafor Anyanwu *Long*
- "GPT Struct Me: Probing GPT Models on Narrative Entity Extraction" by Hugo Sousa, Nuno Guimarães, Alípio Jorge, Ricardo Campos *Short*
- "Estimating Link Confidence for Human-in-the-loop Table Annotation" by Roberto Avogadro, Michele Ciavotta, Flavio De Paoli, Matteo Palmonari, Dumitru Roman *Long*
- "Predicting the Acceptability of Atomic Candidate OWL Class Axioms" by Ali Ballout, Celia da Costa Pereira, Andrea G. B. Tettamanzi *Short*

Session B: "Web of People, Web of Agents" - Room "Guido Cazzavillan"

Afternoon Session: starts at 13:30 CEST

- "proBE - A BERTweet-Attentive Prototype Few-shot Model for Event Detection in OSN" by Sielvie Sharma, Muhammad Abulaish, Tanvir Ahmad *Long*
- "Organized Event Participant Prediction Enhanced by Social Media Retweeting Data" by Yihong Zhang, Takahiro Hara *Short*
- "An Approach for Detecting Dangerous Events from Online Text Using Transformers" by M.Luqman Jamil, Sebastião Pais, João Cordeiro, Gáel Dias, Nuno Pombro *Short*
- "End-to-End Lip Reading in Romanian with Cross-Lingual Domain Adaptation and Lateral Inhibition" by Emilian-Claudiu Mănescu, Răzvan-Alexandru Smădu, Andrei-Marius Avram, Dumitru-Clementin Cercel, Florin Pop *Short*
- "Learning and Identifying Human Behaviour Using Decision Trees" by Stanislav Sitanskiy, Laura Sebastia, Eva Onaindia *Long*

Saturday, October 28, 2023

Session A: "Web of Data" - Room "Guido Cazzavillan"

Morning Session: starts at 11:00 CEST

- "Few-shot and LightGCN learning for multi-label estimation of lesser-known tourist sites using tweets" by Landy Rajaonarivo, Tsunenori Mine, Yutaka Arakawa *Long*
- "A Comparative Study of Water Temperature Forecasting Methods" by Devesh Bhogal, Yanchang Zhao, Reena Kapoor, Peter Toscas *Short*
- "Into the Dynamics of Interpersonal Relationships from Diachronic Documents: Text-based Temporal Social Network Construction" by Chieh-Yu Lee, Christian Henriot, Hua-Yuan Hsueh, Jyi-Shane Liu, Hen-Hsen Huang *Long*
- "Scrlmmo: A Real-time Web Scraper Monitoring the Belgian Real Estate Market" by Félix Barzin, Gonzague Yernaux, Wim Vanhoof *Short*
- "The Dark Side of the Language: Syntax-based Neural Networks rivaling Transformers in Definitely Unseen Sentences" by Dario Onorati, Leonardo Ranaldi, Aria Nourbakhsh, Arianna Patrizi, Elena Sofia Ruzzetti, Michele Mastromattei, Francesca Fallucchi, Fabio Massimo Zanzotto *Long*

Session D: "Web of Data" - Room "Guido Cazzavillan"

Afternoon Session: starts at 15:00 CEST

- "DAWSON: Data Augmentation using Weak Supervision On Natural Language" by Tim de Jonge van Ellemeet, Flavius Frasinca, Sharon Gieske *Long*
- "Effective Entity Disambiguation in Low-Resource Languages: A Study of Icelandic" by Valdimar Ágúst Eggertsson, Benedikt Geir Jóhannesson, Hafsteinn Einarsson, Hrafn Loftsson *Short*
- "Summary in Action: A Trade-off between Effectiveness and Efficiency in Multidimensional Relevance Estimation" by Somnath Banerjee, Rishabh Upadhyay, Gabriella Pasi, Marco Viviani *Long*
- "Multi-Perspective Learning to Rank to Support Children's Information Seeking in the Classroom" by Garrett Allen, Katherine Landau Wright, Jerry Alan Fails, Casey Kennington, Maria Soledad Pera *Short*
- "Generative AI Frameworks for Web for Good: Food Pantry Information Seeking as An Example" by Huan-Yuan Chen *Short*

Session B: "Web of People" - Room 9A

Morning Session: starts at 11:00 CEST

- "Emotion-based Analysis of Reviews using Knowledge Graph" by Marek Z. Reformat, Liang Tan, Giuseppe D'Aniello, Matteo Gaeta *Long*
- "Key Factor Analysis of Influencer Popularity based on Adjective and Emotion in Twitter User Opinions" by Shuntaro Masuda, Toshihiko Yamasaki *Short*
- "Multi-Perspective Sentiment Analysis on Life Events with Sentiment Cause Identification" by Keat Teng Swai, An-Zi Yen, Hen-Hsen Huang, Hsin-Hsi Chen *Long*
- "Adverse Drug Reaction Classification in Social Media: A Multi-label Approach" by Julie Durand, Athena Stassopoulou, Ioannis Katakis *Short*
- "Multi-behavior Recommendation with Action Pattern-aware Networks" by Chia-Ying Tsao, Chih-Ting Yeh, Jyh-Shing Jang, Yung-Yaw Chen, Chuan-Ju Wang *Long*

Session E: "Web of People" - Room 9A

Afternoon Session: starts at 15:00 CEST

- "Stress Beats: a continuum of learning methods for personalized stress detection" by Vasiliki Parousidou, Sofia Yfantidou, Christina Karagianni, Athena Vakali *Long*
- "Aspect-aware Multi-criteria Recommendation Model with Aspect Representation Learning" by Emrul Hasan, Cherie Ding *Short*
- "Improving the Scalability of Collaborative Filtering Recommendation with Clustering Techniques" by Víctor Botti-Cebriá, Laura Sebastián, David Monzó, Haritz Garcia *Long*
- "Enriching Recommender Systems Results with Data about Sustainability and Ethical Standards of Brands" by Angelo Geninatti Cossatin, Noemi Mauro, Liliana Ardissono *Short*
- "Candidate Set Sampling for Evaluating Top-N Recommendation" by Ngozi Ihemelandu, Michael D. Ekstrand *Long*

Session C: "Web of Agents" - Room 10A

Morning Session: starts at 11:00 CEST

- "Dialogue Agents with Literary Character Personality Traits" by Junzhe Zhao, Huizhi Liang, Nicolay Rusnachenko *Long*
- "P-TACOS: A Parallel Tabu Search Algorithm for Coalition Structure Generation" by Samridhhi Sarkar, Mariana Curado Malta, Tuhin Kumar Biswas, Dheeraj Kumar Buchala, Animesh Dutta *Short*
- "Deep Deterministic Policy Gradient for Nested Parallel Negotiation" by Ryota Arakawa, Katsuhide Fujita *Long*
- "Large-Scale Analysis of Rural-Urban Differences in Geographic Homophily" by Masatoshi Ushiba, Shiori Hironaka, Mitsuo Yoshida, Kyoji Umemura *Short*
- "Proposing a new security game with reward and penalty" by Riku Yoshioka, Yuko Sakurai, Satoshi Oyama, Masato Shinoda *Long*
- "Implementing BDI Continual Temporal Planning for Robotic Agents" by Alex Zanetti, Redi Vreto, Devis Dal Moro, Marco Robol, Marco Roveri, Paolo Giorgini *Short*

Session F: "Special Track" - Room 10A

Afternoon Session: starts at 15:00 CEST

- "A Framework to Assess Knowledge Graphs Accountability" by Jennie Andersen, Sylvie Cazalens, Philippe Lamarre, Pierre Mailliot *Long*
- "FairGridSearch: A Framework to Compare Fairness-Enhancing Models" by Shih-Chi Ma, Tatiana Ermakova, Benjamin Fabian *Short*
- "HGExplainer: Explainable Heterogeneous Graph Neural Network" by Grzegorz P. Mika, Amel Bouzeghoub, Katarzyna Węgrzyn-Wolska, Yessin M. Neggaz *Long*
- "Measuring vagueness and subjectivity in texts: from symbolic to neural VAGO" by Benjamin Icard, Vincent Claveau, Ghislain Atemezing, Paul Égré *Short*
- "In-Training Explainability Frameworks: A Method to Make Black-Box Machine Learning Models More Explainable" by Cagla Acun, Olfa Nasraoui *Long*
- "Explainability of the Effects of Non-perturbative Data Protection in Supervised Classification" by Stefano Locci, Luigi Di Caro, Giovanni Livraga, Marco Viviani *Short*

Sunday, October 29, 2023

Session A: "Web of Data" - Room "Guido Cazzavillan"

Morning Session: starts at 11:00 CET

- "Triple Extraction with Generative Technique for Constructing Weighted Knowledge Graph" by Mohammad Sahand Parniani, Marek Z. Reformat *Long*
- "Toward Website Classification" by Mohamed Zohir Koufi, Zahia Guessoum, Amor Keziou, Itheri Yahiaoui, Chloé Martineau, Wandrille Domin *Short*
- "Preserving Academic Integrity in Teaching with ChatGPT: Practical Strategies" by Muhammad Raheel Raza, Walayat Hussain *Long*
- "DSGCN: A Degree Strength Graph Convolution Network for Identifying Influential Nodes in Complex Networks" by Srestha Sadhu, Anju Bhuiya, Animesh Dutta *Short*
- "Multi-Context Incremental Reasoning over Data Streams" by Wafaa Mebrek, Amel Bouzeghoub *Long*
- "Boosting Patch Correctness Checking via Combining Code-Edit Embeddings as Additional What-To-Change Information" by Chontipan Plengvittaya, Zee Hen Tang, Mi-Yen Yeh, Chih-Ya Shen *Short*

Session B: "Web of People" - Room 9A

Morning Session: starts at 11:00 CET

- "Commonsense injection in Conversational Systems: An adaptable framework for query expansion." by Guido Rocchietti, Ophir Frieder, Cristina Ioana Muntean, Franco Maria Nardini, Raffaele Perego *Long*
- "PPPG-DialoGPT: A Prompt-based and Personality-aware Framework For Conversational Recommendation Systems" by Fahed Elourajini, Esma Aimeur *Short*
- "Rewriting Conversational Utterances with Instructed Large Language Models" by Elnara Galimzhanova, Cristina Ioana Muntean, Franco Maria Nardini, Raffaele Perego, Guido Rocchietti *Long*
- "Guiding Attention Distribution Using Dynamic Participation in Multiagent Conversations" by Yoshimasa Ohmoto, Nina Makino *Short*
- "Service Clustering with Graph Embedding of Heterogeneous Networks" by Yohei Murakami, Narifumi Oi, Koki Okubo *Short*

Session C: "Web of People, Web of Things" - Room 10A

Morning Session: starts at 11:00 CET

- "Image-based Information Filtering to Compare and Select Items" by Zhongli Filippo Hu, Noemi Mauro, Liliana Ardissono *Long*
- "A Method for Presenting Multiple Routes Considering Distance and Landscape Probability for Automotive Navigation Systems" by Takayasu Fushimi, Hayato Otaki *Short*
- "Multi-channel Graph Neural Networks with Contrastive Learning for Social Recommendation" by Ping Liu *Long*
- "Detecting Inactive Cyberwarriors from Online Forums" by Ruei-Yuan Wang, Hung-Hsuan Chen *Long*
- "RescueRoute: Using Real-Time Traffic Data for Routing Emergency Services" by Marcel Heda, Josefine Sophie Busch, Abdul Aziz Sepa Seid Mayo, Tatiana Ermakova *Short*