Poster/Demo Presentations
(Day 1: Monday 9th, September)

Location: Hörsaal (Ground Floor), Fraunhofer Institute HHI Einsteinufer 37, 10587 Berlin

1 Posters


MT-2 Masahiro Ikeda, "Finding Cheeger Cuts via Heat Equation on Hyper-graph"

MT-3 Koichi Tojo, Taro Yoshino, "A method to construct exponential families by representation theory"

MT-4 Ning Zheng, Chao Li, Yuyuan Yu, Qibin Zhao, "Fast nonnegative tensor ring decomposition with graph structured data"

MT-5 Takaaki Nishimoto, Yasuo Tabei, "LZRR: LZ77 Parsing with Right Reference"

MT-6 Israr Ul Haq, Yoshinobu Kawahara, "Dynamic Information Extraction in Videos for Foreground Modeling"

MT-7 Dharmesh Tailor, Mehdi Abbana Bennani, Michael Przystupa, Voot Tangkaratt, Mohammad Emtiyaz Khan, "Probabilistic Model-Based Reinforcement Learning with Natural-Gradient Variational Inference"

MT-8 Emtiyaz Khan, Alexander Immer, Ehsan Abedi, Maciej Korzepa, "Approximate Inference turns Deep Networks into Gaussian Processes"

MT-9 Hoang Nguyen, Takanori Maehara, "GNN: A Graph Signal Processing Perspective"

MT-10 Heon Song, Daiki Suehiro, Seiichi Uchida, "Adaptive Aggregation of Arbitrary Online Trackers with a Regret Bound"

MT-11 Takeshi Teshima, Miao Xu, Isssei Sato, Masashi Sugiyama, "Clipped Matrix Completion: A Remedy for Ceiling Effects"
MT-12  Han Bao, Masashi Sugiyama, "Calibrated Surrogate Maximization of Linear-fractional Utility in Binary Classification"

M-13  Vignesh Srinivasan, Arturo Marban, Klaus-Robert Müller, Wojciech Samek, Shinichi Nakajima, "Defense against Adversarial Attacks by Langevin Dynamics"

M-14  Mohammad Mahdavi, Ziawasch Abedjan, Raul Castro Fernandez, Samuel Madden, Mourad Ouzzani, Michael Stonebraker, and Nan Tang, "Raha: A Configuration-Free Error Detection System"

M-15  Christoph Alt, Marc Hübner, Leonhard Hennig, "Improving Relation Extraction by Pre-trained Language Representations"

M-16  Niklas Gebauer, Michael Gastegger, Kristof Schütt, "Symmetry-adapted generation of 3d point sets for the targeted discovery of molecules"

M-17  Danh Le Phuoc, Anh Le Tuan, Md Kamrul Hassan and Prof. Manfred Hauswirth, "A Semantic Stream Fusion Framework"

M-18  Daniel Arp, Max Boll, "Privacy Leaks via Audio Fingerprints"

M-19  Robert Schmidtke, Florian Schintke, "Declarative and Application-Specific Management of Distributed Big Data"

M-20  Steffen Zeuch, Bonaventura Del Monte, Jeyhun Karimov, Clemens Lutz, Manuel Renz, Jonas Traub, Sebastian Breß, Tilmann Rabl, and Volker Markl. 2019., "Analyzing efficient stream processing on modern hardware"

M-21  Sergey Redyuk, Sebastian Schelter, Tammo Rukat, Volker Markl, Felix Biessmann, "Learning to Validate the Predictions of Black Box Machine Learning Models on Unseen Data"

M-22  Viktor Rosenfeld, Sebastian Breß, Steffen Zeuch, Tilmann Rabl, Volker Markl, "Performance Analysis and Automatic Tuning of Hash Aggregation on GPUs"

M-23  Alexander Renz-Wieland, Matthias Bertsch, Rainer Gemulla, "Scalable Frequent Sequence Mining With Flexible Subsequence Constraints"

M-24  Philipp Grulich, "TBD"

M-25  Ron Levie, Michael M. Bronstein, Gitta Kutyniok, "Transferability of graph CNNs"

M-26  Jan Macdonald, Stephan Wäldchen, Sascha Hauch, Gitta Kutyniok, "A Rate-Distortion Framework for Explaining Neural Network Decisions"


M-29  Sasho Nedelkoski, Mihail Bogojeski, "Multimodal Variational Inference with Continuous Normalizing Flows"

2 Demos

Demo-M-1  Serafeim Papadias, "Distributed Query Processing under Dataflow Constraints"

Demo-M-2  DIMA11, "Resense: Transparent Record and Replay of Sensor Data in the Internet of Things"