

24th European Conference on Advances in Databases and Information Systems
24th International Conference on Theory and Practice of Digital Libraries
16th EDA days on Business Intelligence & Big Data

<http://eric.univ-lyon2.fr/adbis-tpdl-eda-2020/>

ADBIS 2020 Programme

Wednesday, August 26, 2020

August 26	ADBIS Session 1: Data Access and Database Performance
11:00- 11:15	<i>Upper Bound on the Size of FP-tree</i> Nima Shahbazi and Jarek Gryz
11:15- 11:30	<i>An Efficient Index for Reachability Queries in Public Transport Networks</i> Bezaye Belayneh, Nikolaus Augsten, Mateusz Pawlik, Michael Böhlen and Christian S. Jensen
11:30- 11:45	<i>Context-Free Path Querying by Kronecker Product</i> Egor Orachev, Ilya Epelbaum, Rustam Azimov and Semyon Grigorev
11:45- 11:55	<i>ARTful Skyline Computation for In-Memory Database Systems</i> Maximilian Schüle, Alex Kulikov, Alfons Kemper and Thomas Neumann
11:55- 12:10	<i>Pattern Sampling in Distributed Databases</i> Lamine Diop, Cheikh Talibouya Diop, Arnaud Giacometti and Arnaud Soulet
12:10- 12:25	<i>Can We Probabilistically Generate Uniformly Distributed Relation Instances Efficiently?</i> Joachim Biskup and Marcel Preuß
12:25- 12:35	<i>Quantum Computation and Its Effects in Database Systems</i> Szabolcs Jóczik and Attila Kiss

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ADBIS Session 2: Machine Learning

13:30- 13:45	<i>Towards Proximity Graph Auto-Configuration: an Approach Based on Meta-Learning</i> Rafael Seidi Oyamada, Larissa Shimomura, Sylvio Barbon Junior and Daniel Kaster
13:45- 13:55	<i>Dynamic k-NN classification based on subspace homogeneity</i> Stefanos Ougiaroglou, Georgios Evangelidis and Konstantinos Diamantaras
13:55- 14:05	<i>Contextualisation of Datasets for better classification models: Application to Airbus Helicopters Flight Data</i> Marie Le Guilly, Daouayry Nassia, Pierre-Loic Maisonneuve, Ammar Mechouche, Jean-Marc Petit and Marian Scuturici
14:05- 14:15	<i>Query Intent Detection from the SEO Perspective</i> Samin Mohammadi, Mathieu Chapon and Arthur Fremond
14:15- 14:25	<i>Fast and Accurate Group Outlier Detection for Trajectory Data</i> Youcef Djenouri, Kjetil Norvag, Heri Ramampiaro and Jerry Chun-Wei Lin
14:25- 14:40	<i>Fake News Detection Based on Subjective Opinions</i> Danchen Zhang and Vladimir Zadorozhny
14:40- 14:55	<i>Improving on coalitional prediction explanation</i> Gabriel Ferretini, Julien Aligon and Chantal Soulé-Dupuy

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ADBIS Session 3: Data Processing

15:15- 15:30	<i>JSON Functionally</i> Jaroslav Pokorný
15:30- 15:40	<i>On the performance impact of using JSON, beyond impedance mismatch</i> Moditha Hewasinghage, Sergi Nadal and Alberto Abelló
15:40- 15:50	<i>Self-Service Business Intelligence over On-Demand IoT Data: A New Design Methodology based on Rapid Prototyping</i> Julián Eduardo Plazas, Sandro Bimonte, Michel Schneider, Christophe de Vault and Juan Carlos Corrales

August 27		ADBIS Session 4: Semantic Web	
10:45-10:55	<i>Consistency and Certain Answers in Relational to RDF Data Exchange with Shape Constraints</i>	Sławek Staworko, Iovka Boneva and Jose Lozano	
10:55-11:10	<i>Template-Based Multi-Solution for Data-to-Text Generation</i>	Abelardo V. Mota, Ticiania L. Coelho da Silva and José Antônio Fernandes de Macêdo	
11:10-11:20	<i>OWL-T for a Semantic Description of IoT</i>	Zakaria Maamar, Noura Faci, Ejub Kajan, Muhammad Asim and Ayesha Qamar	
11:20-11:30	<i>OffStreamNG: Partial Stream Hybrid Graph Edge Partitioning based on Neighborhood Expansion and Greedy Heuristic</i>	Tewodros Ayall, Duan Hancong, Changhong Liu, Fantahun Gereme and Mesay Deleli	
11:30-11:40	<i>Temporal Enrichment and Querying of Ontology-Compliant Data</i>	Jing Ao, Zehui Cheng, Rada Chirkova and Phokion Kolaitis	
11:40-11:55	<i>Distributed Tree-Pattern Matching in Big Data Analytics Systems</i>	Ralf Diestelkämper and Melanie Herschel	

August 27		ADBIS Session 5: Data Analytics	
14:30-14:40	<i>Bing-CSF-IDF+: A Semantics-Driven Recommender System for News</i>	Lies Hooft van Huijsduijnen, Thom Hoogmoed, Geertje Keulers, Edmar Langendoen, Sanne Langendoen, Tim Vos, Frederik Hogenboom, Flavius Frasinca and Tarmo Robal	
14:40-14:50	<i>QuRVe: Query Refinement for View Recommendation in Visual Data Exploration</i>	Humaira Ehsan, Mohamed Sharaf and Gianluca Demartini	
14:50-15:00	<i>A Bloom Filter-based Framework for Interactive Exploration of Large Scale Research Data</i>	Gajendra Doniparthi, Timo Mühlhaus and Stefan Deßloch	
15:00-15:15	<i>Iterations and Propensity Score Matching in MonetDB</i>	Michael Boehlen, Oksana Dolmatova, Michael Krauthammer, Alphonse Mariyagnanaseelan, Jonathan Stahl and Timo Surbeck	

15:15-15:25	<p><i>Analyzing Twitter Data with Preferences</i> Lena Rudenko, Christian Haas and Markus Endres</p>
15:25-15:35	<p><i>S-APIR: News-Based Business Sentiment Index</i> Kazuhiro Seki and Yusuke Ikuta</p>
15:35-15:45	<p><i>Towards an inference detection system against multi-database attacks</i> Paul Lachat, Veronika Rehn-Sonigo and Nadia Bennani</p>
15:45-16:00	<p><i>The Tell-Tale Cube</i> Antoine Chédin, Matteo Francia, Patrick Marcel, Veronika Peralta and Stefano Rizzi</p>