

Vendredi 18 octobre

09:00-10:00 Conférence invitée

A Wakeup Call: Databases in an Untrusted Universe. Amr El Abbadi.

10:00-10:30 Pause café

10:30-12:30 Session recherche 6 - **Big Data, Data Streams & De-centralized Architectures.**

10:30-10:45 *Improving Hamming distance-based fuzzy join in MapReduce using Filters.* Thi-To-Quyen Tran, Thuong-Cang Phan, Anne Laurent and Laurent d'Orazio.

10:45-11:15 *Streaming Saturation for Large RDF Graphs with RDFS Dynamic Schema Information.* Mohammad Amin Farvardin, Dario Colazzo, Khalid Belhajjame and Carlo Sartiani.

11:15-11:30 *Range Query Processing for Monitoring Applications over Untrustworthy Clouds.* Van Hoang Tran, Tristan Allard, Laurent D'orazio and Amr El Abbadi.

11:30-12:00 *SEP2P: Secure and Efficient P2P Personal Data Processing.* Julien Loudet, Iulian Sandu Popa and Luc Bouganim.

12:00-12:30 *Trustworthy Distributed Computations on Personal Data Using Trusted Execution Environments.* Riad Ladjel, Nicolas Ancaux, Philippe Pucheral and Guillaume Scerri.

12:45-13:45 Repas

14:00-15:45 Session recherche 7 - **Data Integration & Quality.**

14:00-14:15 *Generalization of Schema Mappings for Transformation Reuse (Article court).* Paolo Atzeni, Luigi Bellomarini, Paolo Papotti and Riccardo Torlone.

14:15-14:45 *Discovering and Merging Related Analytic Datasets.* Rutian Liu, Eric Simon, Bernd Amann and Stéphane Gançarski.

14:45-15:15 *A relational framework for inconsistency-aware query answering.* Ousmane Issa, Angela Bonifati and Farouk Toumani.

15:15-15:45 *Evaluating classification feasibility over datasets using functional dependencies.* Marie Le Gully, Jean-Marc Petit and Marian Scuturici.

15:45-16:00 Clôture de la conférence



BDA'19

35^{ème} Conférence sur la Gestion de Données
Principes, Technologies et Applications

15~18 octobre 2019, INSA Lyon

<http://bda.liris.cnrs.fr>



Mardi 15 octobre

09:00-12:30 Tutoriels

09:00-10:30 *Data Pipelines for User Group Analytics.*

Behrooz Omidvar-Tehrani, Sihem Amer-Yahia.

10:30-12:30 *Schemas and Types for JSON Data: From Theory to Practice.* Mohamed-Amine Baazizi, Dario Colazzo, Giorgio Ghelli, Carlo Sartiani.

10:30-12:30 *Database and Distributed Computing Foundations of Blockchains,* Amr El Abbadi.

12:45-13:45 Repas

14:00-14:30 Session d'ouverture

14:30-16:15 Session recherche 1 - *Data Visualization & Exploration, Crowdsourcing.*

14:30-15:00 *Assisted Classification Through Image- and Text-Based Event Detection.* Gabriela Bosetti, Elöd Egyed-Zsigmond and Lucas Okumura Ono.

15:00-15:15 *Visualizing Health Tweets Over Regions and Timestamps.* Bonpagna Kann, Sihem Amer-Yahia, Sébastien Bailly and Jean-Louis Pépin.

15:15-15:45 *Cohort Representation and Exploration.* Behrooz Omidvar-Tehrani, Sihem Amer-Yahia and Laks V.S. Lakshmanan.

15:45-16:15 *Privacy-Preserving Informed Task Design in Crowdsourcing Processes.* Joris Duguépéroux, Tristan Allard and Antonin Voyez.

16:15-16:45 Pause Café

16:45-17:45 Session Industrielle et table ronde



18:00 Cocktail de bienvenue

Mercredi 16 octobre

09:00-10:00 Conférence invitée

From APIs to Conversational Cognitive Services.
Boualem Benatallah.

10:00-10:30 Pause café

10:30-12:15 Session recherche 2 - *Data Mining & Knowledge Discovery.*

10:30-10:45 *Pattern Structures for Identifying Biclusters with Coherent Sign Changes.* Nyoman Juniarta, Miguel Couceiro and Amedeo Napoli.

10:45-11:15 *Dirichlet Process Mixture Models made Scalable and Effective by means of Massive Distribution.* Khadija Meguelati, Bénédicte Fontez, Nadine Hilgert and Florent Masegla.

11:15-11:45 *Enabling Decision Support Through Ranking and Summarization of Association Rules, a case study with TOTAL customers.* Idir Benouaret, Sihem Amer-Yahia, Senjuti Basu Roy, Christiane Kamdem-Kengne and Jalil Chagraoui.

11:45-12:15 *Patient trajectory prediction in the Mimic-III dataset challenges and pitfalls.* Jose Fernando Rodrigues Jr., Gabriel Spadon, Bruno B. Machado and Sihem Amer-Yahia.

12:45-13:45 Repas

14:00-15:30 Session recherche 3 - *Theory of Database, Data Model & Query Language.*

14:00-14:30 *Reasoning about Disclosure in Data Integration in the Presence of Source Constraints.* Michael Benedikt, Pierre Bourhis, Louis Jachiet and Michaël Thomazo.

14:30-15:00 *RDFPartSuite: Bridging Physical and Logical RDF Partitioning.* Jorge Galicia, Amin Mesmoudi and Ladjel Bellatreche.

15:00-15:30 *Best answers over incomplete data : complexity and first-order rewritings.* Amelie Gheerbrant and Cristina Sirangelo.

15:30-16:00 Pitches « réseautage »

16:00-16:30 Pause café

16:30-18:00 Session Démonstrations

- ARIANE : la Gouvernanc... ●ExpIIQuE: Interactive Dat...
- Spade: A Modular Frame... ●Interroger des Lacs de d...
- Neo4Tourism - A Framew... ●CATI: Assisted Classifica...
- DISPERS: Securing Highl... ●Demonstrating Data Coll...
- Distributed Algorithms to ... ●BeLink: Querying Networ...

Jeudi 17 octobre

09:00-10:00 Conférence invitée

A Case against SQL (if you need one).
Leonid Libkin.

10:00-10:30 Pause café

10:30-12:30 Session recherche 4 - *Query processing & Optimisation, Hybrid Systems.*

10:30-11:00 *SaGe: Web Preemption for Public SPARQL Query services.* Thomas Minier, Hala Skaf-Molli and Pascal Molli.

11:00-11:30 *Towards Scalable Hybrid Stores: Constraint-Based Rewriting to the Rescue.* Rana Al-Otaibi, Damian Bursztyn, Alin Deutsch, Ioana Manolescu and Stamatios Zampetakis.

11:30-12:00 *Scalable, Variable-Length Similarity Search in Data Series: The ULISSE Approach.* Michele Linardi and Themis Palpanas.

12:00-12:30 *Efficient Execution of Scientific Workflows in the Cloud through Adaptive Caching.* Gaetan Heidsieck, Daniel de Oliveira, Esther Pacitti, Christophe Pradal, François Tardieu and Patrick Valduriez.

12:45-13:45 Repas

14:00-15:30 Session recherche 5 - *Linked/Open Data & Social Networks.*

14:00-14:30 *Reformulation-based query answering for RDF graphs with RDFS ontologies.* Maxime Buron, Francois Goasdoue, Ioana Manolescu and Marie-Laure Mugnier.

14:30-15:00 *RDF graph anonymization robust to data linkage.* Rémy Delanaux, Angela Bonifati, Marie-Christine Rousset and Romuald Thion.

15:00-15:30 *Influence Maximization in a Real-Time Bidding Environment.* David Dupuis, Cedric Du Mouza, Nicolas Travers and Gael Chareyron.

15:30-16:00 Annonces diverses

16:00-16:30 Pause café

17:00-19:00 Visite de Lyon

19:30-23:30 Diner de gala