



Programme détaillé

Mardi 14 octobre

10:00 - 12:30 Accueil

hall de l'Escandille

12:30 - 14:00 Déjeuner: buffet froid

14:00 - 15:00 **Ouverture:** *Christine Collet, David Gross-Amblard, Christophe Bobineau & Fabrice Jouanot*

salle de conférence

15:00 - 16:00 **Keynote par Divesh Srivastava**, chair *Sihem Amer-Yahia*

"Big Data Integration". The Big Data era is upon us: data is being generated, collected and analyzed at an unprecedented scale, and data-driven decision making is sweeping through all aspects of society. Since the value of data explodes when it can be linked and fused with other data, addressing the big data integration (BDI) challenge is critical to realizing the promise of Big Data. BDI differs from traditional data integration in many dimensions: (i) the number of data sources, even for a single domain, has grown to be in the tens of thousands, (ii) many of the data sources are very dynamic, as a huge amount of newly collected data are continuously made available, (iii) the data sources are extremely heterogeneous in their structure, with considerable variety even for substantially similar entities, and (iv) the data sources are of widely differing qualities, with significant differences in the coverage, accuracy and timeliness of data provided. This talk explores the progress that has been made by the data integration community in addressing these novel challenges faced by big data integration, and identifies a range of open problems for the community.

salle de conférence

16:00 - 16:30 Pause

grand salon

16:30 - 17:30 **Session Jeunes Chercheurs**, chair *David-Gross Amblard*

Ji Liu

Multisite Management of Data-intensive Scientific Workflows in the Cloud.

Loic Salmon

Une approche holistique combinant flux temps-réel et données archivées pour la gestion et le traitement d'objets mobiles.

Arres Billel

Optimizing OLAP cube construction by improving data placement on Hadoop cluster.

John Samuel

An Upper Bound on the Number of Accesses for Datalog Last Queries.

Romain Perriot

Caches sémantiques et réécriture pour nuages informatiques.

Belghoul Abdeslem

Optimisation de requêtes dans les systèmes d'intégration de données.

Manel Charfi

Optimisation sémantique des requêtes continues : Application aux bâtiments intelligents.

salle de conférence

17:30 - 18:00 **Assemblée générale**, *Jean-Marc Petit, David Gross-Amblard, Romuald Thion*

Suite aux évolutions du modèle de la conférence BDA pour son 30ème anniversaire, une assemblée générale est organisée pour en discuter et en débattre avec tous les participants de la conférence.

salle de conférence

18:00 - 19:00 Temps libre (Piscine, sauna, hammam, bain à remous, squash, mise en forme, piano, billard, bar)

19:00 - 20:00 **Posters "Jeunes Chercheurs"** autour d'un apéritif de bienvenue

grand salon

20:00 - 21:30 Diner, menu Savoyard

21:30 - 22:30 **Remise du Prix "Jeune Chercheur"**

grand salon