Call for Papers
The annual IDEAS conference has emerged as an important international forum for data engineering researchers, practitioners, developers, and application users to explore revolutionary ideas and results, and to exchange techniques, tools, and experiences. We invite the submission of original research contributions relating to all aspects of database engineering defined broadly, and particularly encourage submissions on topics of emerging interest describing work on integrating new technologies into products and applications, on experiences with existing and novel techniques, and on the identification of unsolved challenges.

Important Dates
March 29, 2015 Papers submission
June 1, 2015: Notification of acceptance
June 29, 2015: Final Version in ACM format due

Topics of Interest

Topics of interest include but are not limited to:

- Benchmarking efforts for data management technologies
- Big Data and Advanced Analytics
- Business Intelligence
- Characterization and Analysis of Social and other large datasets
- Cloud Computing, Map Reduce, Parallel, Distributed, P2P Systems
- Data Integration, Metadata management, Interoperability
- Data Mining and Knowledge Discovery: Algorithms and Applications
- Data Models and Languages
- Data Warehouses, OLAP, Business Intelligence
- Data mining and knowledge discovery
- Data science and databases
- Database and Privacy Enhancing Technologies
- Databases in bioinformatics and biomedicine
- Digital Libraries
- Emerging database technologies
- Fuzzy databases
- Information Retrieval and Database Systems
- Metadata management
- NoSQL approaches to data management
- NoSQL database modeling
• Online Social networks (OSN) and Privacy testing and evaluation methods
• OSN and database issues
• Query Processing and Query Optimization
• Scientific Data and Data Visualization
• Security, Privacy, Authenticated Query Processing
• Semantic Web and Ontologies
• Streams, Sensor Networks, Complex Event Processing
• Systems, Performance, Transaction Processing
• User Interfaces and Social Data

For an extended list see:
http://confsys.encs.concordia.ca/IDEAS/ideas15/topics.php

ConfSys is used for management of IDEAS15, including submissions(http://confsys.encs.concordia.ca)

Conference Publication
The conference proceedings will be published by ACM in their digital library; the ISBN assigned by ACM to IDEAS15 is: 978-1-4503-3414-3
A version of the proceedings to be distributed to the conference attendees would be prepared by BytePress.

Targeted Sessions
This year, we plan to organize a number of the special tracks along with the main event:
• BIG data
  http://confsys.encs.concordia.ca/IDEAS/ideas15/BigData.php
• Business Intelligence and Data Mining applications
  http://confsys.encs.concordia.ca/IDEAS/ideas15/BusinessIntelligenceandDataMining.php
• Privacy-enhancing Technologies for Data Management
  http://confsys.encs.concordia.ca/IDEAS/ideas15/privacy.php

Organization
Keio University, Yokohama, Japan: Concordia University, Montreal, Canada
in cooperation with: ACM, BytePress.org and ConfSys.org

General Chair: Bipin C. Desai, Concordia University,
Program Co-Chair: Motomichi Toyama, Keio University,

Note to authors who have issues with travel due to concern regarding carbon dioxide foot print, travel budget restrictions last minute personal issues:

Even though it would be a shame not to be able to meet your colleagues, we would allow the possibility of making your presentation via appropriate pre-recorded media and availability on skype or chat to interact with those present in Keio University.