The annual IDEAS conference is a top 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 participation of all interested in this meeting which provides an insight into original research contributions relating to all aspects of database engineering defined broadly, and particularly 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.

**Track (Targeted Session) Proposals**

As in the past, IDEAS 2018 will include tracks (Targeted Session) on current topics of interest to the community. This year, we have organized these special themes along with the main event:

- Big Data Applications (e.g. Health, Environment, Transport)
- Data Sharing, Security and Privacy
- Smart Cities and Data Analytics
- Web and Cyber Security

If you and your colleagues would like to propose a track, please contact us ASAP (before January 18, 2018). Please include the topics, the track chair and the proposed addition to the program committee to handle the submissions for the track.

http://confsys.encs.concordia.ca/IDEAS/ideas18/ideas18_track.php

All paper submission for IDEAS 2018 would be via the corresponding pages on ConfSys. Authors should sign up as user of the system at:

https://confsys.encs.concordia.ca/ConfSys/jsp/index.jsp

**Topics:** A list of non-exhaustive topics can be found at:

https://confsys.encs.concordia.ca/IDEAS/ideas18/ideas18_topics.php

**Invited Speakers**

- Sergio Greco, University of Calabria
- Yannis Manolopoulos, Aristotle Univ. of Thessaloniki
- Jean Michel Rodriguez, IBM WW Cloud Development Director

**Important Date**

January 18, 2018: Track/Theme Proposals

March 31, 2018: Submission deadline

EXTENDED ++ Plus grace period – pl. see http://confsys.encs.concordia.ca/public_files/grace_period.php

May 6, 2018: Notification of acceptance

June 1, 2018: Camera-ready deadline

**Conference Publication**

The conference proceedings will be published by ACM in their digital library. A version of the proceedings to be distributed to the conference attendees would be prepared by BytePress.

**Organized by**

University of Calabria and ICAR-CNR, with the cooperation of ACM, BytePress.org and ConfSys.org

**General Chairs:**

Bipin C. Desai, Concordia University, Montreal,
Sergio Flesca, University of Calabria ICAR-CNR

**Program Chair:**

Ester Zumpano, University of Calabria, Elio Masciari,
ICAR-CNR, Luciano Caroprese, University of Calabria,

**Local Chair:**

Andrea Tagarelli, University of Calabria, Pierangelo Veltri, University Magna Graecia

**Publicity Chair:**

Luciano Caroprese, University of Calabria

**Submission**

ConfSys is used for all operations involving: submission, communication, registration and final upload. Pl see: http://confsys.encs.concordia.ca/confsys.php

**IDEAS Steering Committee**

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Desai, Bipin C.</td>
<td>Concordia University, Montreal</td>
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<tr>
<td>McClatchey, Richard</td>
<td>University of the West of England, Bristol</td>
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<td>Ng, Wilfred</td>
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<td>Toyama, Motomichi</td>
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