The second decade of bridging Academic and Industrial Innovation!

- Business Intelligence for the Real-Time Enterprise
  - BIRTE'06 (Seoul) LNCS 4365
  - BIRTE'08 (Auckland) LNBIP 27
- On Enabling Real-Time for Business Intelligence
  - BIRTE'09 (Lyon) LNBIP 41
  - BIRTE'10 (Singapore) LNBIP 84
  - BIRTE'11 (Seattle) LNBIP 126
  - BIRTE'12 (Istanbul) LNBIP 154
  - BIRTE'13 (Riva del Garda) &
  - BIRTE'14 (Hangzhou) LNBIP 206
  - BIRTE'15 (Hawaii) LNBIP joint with BIRTE’16 (India)

- Real-Time Business Intelligence and Analytics
  - BIRTE'17

Movers and shakers

- General chairs:
  - Umesh Dayal: from BIRTE inception 2006 until 2014
  - Mei: 2015, 2016
  - Malu Castellanos & Panos K. Chrysanthis, 2017

- PC Chairs:
  - Malu Castellanos: from BIRTE inception 2006 until now
  - Chris Bussler: 2006
  - Wolfgang Lehner: 2011
  - Volker Markl: 2010
  - Renée J. Miller: 2009
  - Sham Navathe: 2006
  - Torben Bach Pedersen: 2013
  - Elke Rundensteiner: 2012
  - Timos Sellis: 2008
  - Nesime Tatbul: 2014

Organization

- General & PC Chairs:
  - Malu Castellanos (Teradata, USA)
  - Panos K. Chrysanthis (University of Pittsburgh, USA)

- Proceedings & Scholarships Chair:
  - Damianos Chatziantoniou (Athens University of Economics and Business, Greece)

- Web Master:
  - Anatoli Shein (University of Pittsburgh, USA)
Thanks to Sponsors

- 4 scholarships
  - Constantinos Costa (University of Cyprus, Cyprus)
  - Jiang Du (University of Toronto, Canada)
  - Nikolaos Katsipoulakis (University of Pittsburgh, USA)
  - Daniel Petrov (University of Pittsburgh, USA)

PC Members

- Stefan Appel, Siemens, Germany
- Alejandro Buchmann, Technische U. Darmstadt, Germany
- Shimin Chen, Chinese Academy of Sciences, China
- Avrilia Floratou, Microsoft, USA
- Ashish Gupta, Google, USA
- Howard Ho, IBM Almaden, USA
- Wolfgang Lehner, Dresden University of Technology, Germany
- Marco Mellia, Politecnico di Torino, Italy
- Themis Palpanas, Paris Descartes University, France
- Panickos Neophytou, NetBeez, USA
- Olga Papaemmanouil, Brandeis University, USA
- Evaggelia Pitoura, University of Ioannina, Greece
- Mohamed Sharaf, Queensland University, Australia
- Nesime Tatbul, Intel Labs and MIT, USA

Technical Program

1 Keynote Talk

- Carsten Binnig, Professor @ TU Darmstadt & Brown U.
  - Towards Interactive Data Exploration

1 Industry Invited Talk

- Roger Rea, Senior Manager @ IBM Analytics Group
  - The Past, Present and Future of Real-time Analytics


BIRTE 2017 Stats

- Submitted: 14 abstracts
- 11 papers
- Accepted:
  - 4 academia papers
  - 2 regular
  - 2 full
  - 2 industry papers
  - 1 regular
  - 1 short
- Every paper had 3 or 4 reviews

Publication

- Proceedings
  - ACM ICPS (International Conference Proceedings Series)
- Special Issue
  - Springer-Verlag LNBIP (Lecture Notes in Business Information Processing)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1: Stream Processing I</th>
<th>Session 2: Stream Processing II</th>
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<tr>
<td>8:30 - 8:45</td>
<td>Opening Malu Castellanos &amp; Panos K. Chrysanthis</td>
<td>(session chair: Damianos Chatziantoniou)</td>
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<td>8:45 - 10:00</td>
<td>Analysis: Self-Regulating Streaming Systems: Challenges and Opportunities Avrilis Floratos and Ashwin Agrawal (Microsoft, USA)</td>
<td>Towards Dynamic Data Placement for Polystore Ingestion Jiang Du (U. of Toronto), John Meehan (Brown University), Nesime Tatbul (Intel Labs and MIT) and Stan Zdonik (Brown University)</td>
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<td>10:00 - 10:30</td>
<td>Detection of Highly Correlated Live Data Streams</td>
<td>Striim: A streaming analytics platform for real-time business decisions (Industrial Talk) Alok Pareek, Bhushan Khaladkar, Rajkumar Sen, Basar Onat, Vijay Nadimpalli, Manish Agarwal, Nicholas Kerne (Striim Inc.)</td>
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<td>10:30 - 12:00</td>
<td>Invited Talk The Past, Present and Future of Real-time Analytics Roger Rea (Senior Offering Manager at IBM Analytics Group)</td>
<td>Performing OLAP over Graph Data: Query Language, Implementation, and a Case Study Leticia Gómez (Instituto Tecnológico de Buenos Aires), Bart Kuijpers (Hasselt University and Transnational University of Limburg), and Alejandro Vaisman (Instituto Tecnológico de Buenos Aires)</td>
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**Program (afternoon)**

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<tr>
<th>Time</th>
<th>Session 3: Real-time Analytics</th>
<th>Session 4: Interactive Exploration &amp; Analytics</th>
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<tr>
<td>1:30 - 3:00</td>
<td>(session chair: Nesime Tatbul)</td>
<td>(session chair: Malu Castellanos)</td>
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<td>1:30 - 3:00</td>
<td>Keynote Talk Towards Interactive Data Exploration</td>
<td>Towards Real-Time Road Traffic Analytics using Telco Big Data</td>
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<td>3:00 - 3:30</td>
<td>Performing OLAP over Graph Data: Query Language, Implementation, and a Case Study</td>
<td>Constantinod Costa, Georgios Chatzimilioudis, Demetrios Zeinalipour-Yazti (U. of Cyprus), and Mohamed F. Mokbel (U. of Minnesota)</td>
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<td>3:30 - 4:00</td>
<td>Striim: A streaming analytics platform for real-time business decisions (Industrial Talk)</td>
<td>Panel The Need for Speed: Application Necessity, Nice-to-Have or Marketing Fluff?</td>
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<td>4:00 - 5:30</td>
<td>Towards Dynamic Data Placement for Polystore Ingestion Jiang Du (U. of Toronto), John Meehan (Brown University), Nesime Tatbul (Intel Labs and MIT) and Stan Zdonik (Brown University)</td>
<td>Moderator: Michael Franklin (U. of Chicago)</td>
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<td>5:30 - 6:00</td>
<td>Detection of Highly Correlated Live Data Streams</td>
<td>Panelists: Anastasia Ailamaki (EPFL), Gustavo Alonso (ETH), Wei Hong (Google), Tirthankar Lahiri (Oracle) &amp; C. Mohan (IBM Research)</td>
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**Program (morning)**

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<td>12:00 - 1:30</td>
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**Closing Remarks**