About SIMPDA

With the increasing automation of business processes, growing amounts of process data become available. This opens new research opportunities for business process data analysis, mining and modeling. The aim of the IFIP 2.6 - 2.12 International Symposium on Data-Driven Process Discovery and Analysis is to offer a forum where researchers from different communities and the industry can share their insight in this hot new field.

The symposium will feature a number of keynotes illustrating new approaches, shorter presentations on recent research, a competitive PhD seminar, and selected research and industrial demonstrations. All this in the charming setting of Campione d’Italia, the Italian enclave surrounded by Swiss territory, on the shores of Lake Lugano.

Call for Papers

The IFIP International Symposium on Data-Driven Process Discovery and Analysis (SIMPDA 2012) offers a unique opportunity to present new approaches and research results to researchers and practitioners working in business process data modeling, representation and privacy-aware analysis.

The symposium will bring together leading researchers, engineers and scientists from around the world. Full papers must not exceed 15 pages. Short papers are limited to at most 4 pages.
All papers must be original contributions, not previously published or under review for publication elsewhere. All contributions must be written in English.

Accepted papers will be published in a pre-proceedings volume with an ISBN. The authors of the accepted papers will be invited to submit extended articles to a post-symposium proceedings volume, which will be published in the LNBIP series (Lecture Notes in Business Information Processing, http://www.springer.com/series/7911), scheduled for late 2012 (extended papers length will be between 7000 and 9000 words). Around 15-20 papers will be selected for publication after a second round of review.

**Topics**

Topics of interest for submission include, but are not limited to:

- Business Process modeling languages, notations and methods
- Data-aware and data-centric approaches
- Variability and configuration of process models
- Process Mining with Big Data
- Process simulation and static analyses
- Process data query languages
- Process data mining
- Privacy-aware process data mining
- Process metadata and semantic reasoning
- Process patterns and standards
- Foundations of business process models
- Resource management in business process execution
- Process tracing and monitoring
- Process change management and evolution
- Business process lifecycle
- Case studies and experience reports
- Social process discovery
- Crowdsourced process definition and discovery
Call for PhD Research Plans

The SIMPDA PhD Seminar is a workshop for Ph.D. students from all over the world. The goal of the Seminar is to help students with their thesis and research plans by providing feedback and general advice on how to use their research results.

Students interested in participating in the Seminar should submit an extended abstract describing their research. Submissions can relate to any aspect of Process Data: technical advances, usage and impact studies, policy analyses, social and institutional implications, theoretical contributions, interaction and design advances, innovative applications, and social implications.

Research plans should be at most of 4 page long and should be organized following the following structure:

1. Abstract: summarizes, in 5 line, the research aims and significance.
2. Research Question: defines what will be accomplished by eliciting the relevant the research questions.
3. Background: defines the background knowledge providing the 5 most relevant references (papers or books).
4. Significance: explains the relevance of the general topic and of the specific contribution.
5. Research design and methods: describes and motivates the method adopted focusing on: assumptions, solutions, data sources, validation of results, limitations of the approach.
6. Research stage: describes what the student has done so far.

SIMPDA PhD award

A doctoral award will be given by the SIMPDA PhD Jury to the best research plan submitted.

Tutored research activities

Interested PhD students can apply to carry out pre-symposium tutored research activities. Such activities provide a unique way to identify research questions and will culminate with presentations to be given at the symposium.

In order to apply, please contact paolo.ceravolo@unimi.it

Student Scholarships

An application for a limited number of scholarships aimed at students coming from emerging countries has been submitted to IFIP.

In order to apply, please contact paolo.ceravolo@unimi.it
Call for Demonstrations and Posters

Demonstrations showcase innovative technology and applications, allowing for sharing research work directly with colleagues in a high-visibility setting. Demonstration proposals should consist of a title, an extended abstract, and contact information for the authors, and should not exceed 2 pages.

Posters allow the presentation of late-breaking results in an informal, interactive manner. Poster proposals should consist of a title, an extended abstract, contact information for the authors, and should not exceed 2 pages.

Accepted demonstrations and posters will be presented at the symposium. Abstracts will appear in the proceedings.

Submissions

Contributions to all calls should be submitted electronically to the Symposium management system connecting to http://www.easychair.org/conferences/?conf=simpda2012. At least one author of each accepted paper is expected to participate in the conference and present his/her work.

Accepted papers will be published in a pre-proceedings volume with ISBN. The papers submitted must be sent in PDF, following the LNCS Springer Verlag format. Templates can be downloaded from: http://www.springer.de/comp/lncs/authors.html

Authors of accepted papers will be invited to submit extended articles to a post-symposium volume of LNBIP (Lecture Notes in Business Information Processing, http://www.springer.com/series/7911), scheduled for late 2011. Extended versions will be selected for publication in the volume after a second review round of review.
### Keynote Speakers

<table>
<thead>
<tr>
<th>Marlon Dumas</th>
<th>Ronal Maier</th>
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<tr>
<td>University of Tartu, Estonia</td>
<td>University of Innsbruck, Austria</td>
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<tr>
<td><strong>Title:</strong> On the Convergence of Data and Process Engineering</td>
<td><strong>Title:</strong> What happened to my idea? Process analysis for collaboration and knowledge maturing</td>
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Jan Mendling  
Vienna University of Economics, Austria  
Title: Implications from Empirical Research for Business Process Modeling

Manfred Hauswirth  
National University of Ireland, Ireland  
Title: Linking the real world

Industrial Invited Talks
TO BE ANNOUNCED

Organizers

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### Important Dates

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<th>Event</th>
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<tr>
<td>Submission of Full Papers</td>
<td>15 April 2012 extended 30 April 2012</td>
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<tr>
<td>Submission of PhD Research Plans</td>
<td>15 April 2012 extended 30 April 2012</td>
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<tr>
<td>Notification of Acceptance</td>
<td>25 May 2012</td>
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<tr>
<td>Submission of Camera Ready Papers</td>
<td>05 June 2012</td>
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### Accommodation
Campione d'Italia is a town of about 2300 inhabitants set on the southeastern shore of Lake Lugano on a narrow strip of Italian land surrounded by Switzerland that boasts remarkable historical and artistic traditions. Campione d'Italia, is one of five European exclaves. Check out the other ones: [www.exclave.eu](http://www.exclave.eu)

All conference activities will take place in the municipal casino of Campione.
Hotel Campione is the closest to the casino. A less expensive option is HOTEL BELLEVUE, Corso Fratelli Fusina 1, Campione d’Italia, Tel. 0041916497566.

Venue

1. From Milan Campione can be reached by car following the A9 motorway MILANO-CHIASSO and then the A2 motorway CHIASSO-LUGANO, exit at Bissone Melide. A bus starts at Garibaldi square (the square before the Garibaldi railway station) Dep. time from Milano 15.00/20:30 - Dep. from Campione 19:00/00:30/3.00.

2. From Malpensa Airport Campione can be reached by car or shuttle in approximately 50 minutes.

3. From Lugano Campione can be reached by boat, bus and car and although you have to cross the Swiss-Italian border line to reach it there are no formal border controls. Campione is approximately 9km from Lugano by road, and 15 minutes by boat across the lake. A ferry service runs regularly from Lugano to Campione throughout the day.

More info on: www.campioneitalia.com