



TENTH  
INTERNATIONAL  
i\* WORKSHOP

12-13 June 2017, Essen, Germany

**CAiSE '17**  
29th International Conference on  
Advanced Information Systems Engineering

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- 10<sup>th</sup> International iStar Workshop, Essen, 2017
  - 9<sup>th</sup> International iStar Workshop, Beijing, 2016
  - 8<sup>th</sup> International iStar Workshop, Ottawa, 2015
  - 7<sup>th</sup> International iStar Workshop, Thessaloniki, 2014
  - 6<sup>th</sup> International iStar Workshop, Valencia, 2013
  - 5<sup>th</sup> International iStar Workshop, Trento, 2011
  - iStar Showcase, London, 2011
  - 4<sup>th</sup> International iStar Worksop, Hammamet, 2010
  - 3<sup>rd</sup> International iStar Workshop, Recife, 2008
  - 2<sup>nd</sup> Intergalactic iStar Workshop, London, 2005
  - 1<sup>st</sup> Intergalactic iStar Workshop, Trento, 2002



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## ORGANIZING COMMITTEE



SEPIDEH GHANAVATI  
TEXAS TECH UNIVERSITY, USA



LIN LIU  
TSINGHUA UNIVERSITY, CHINA



LIDIA LÓPEZ  
UNIVERSITAT POLITÈCNICA DE CATALUNYA, SPAIN

## STEERING COMMITTEE



XAVIER FRANCH  
UNIVERSITAT POLITÈCNICA DE CATALUNYA, SPAIN



JOHN MYLOPOULOS  
UNIVERSITY OF TRENTO, ITALY



ERIC YU  
UNIVERSITY OF TORONTO, CANADA



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## Discussion-oriented workshop

- 17 Submissions received
- 100% Acceptance Rate
- 12 Full-length Presentations
- 5 short Presentations
- Every paper received three reviews
- (iStar'16: 17 submissions, 13 full-length, 4 short presentations)

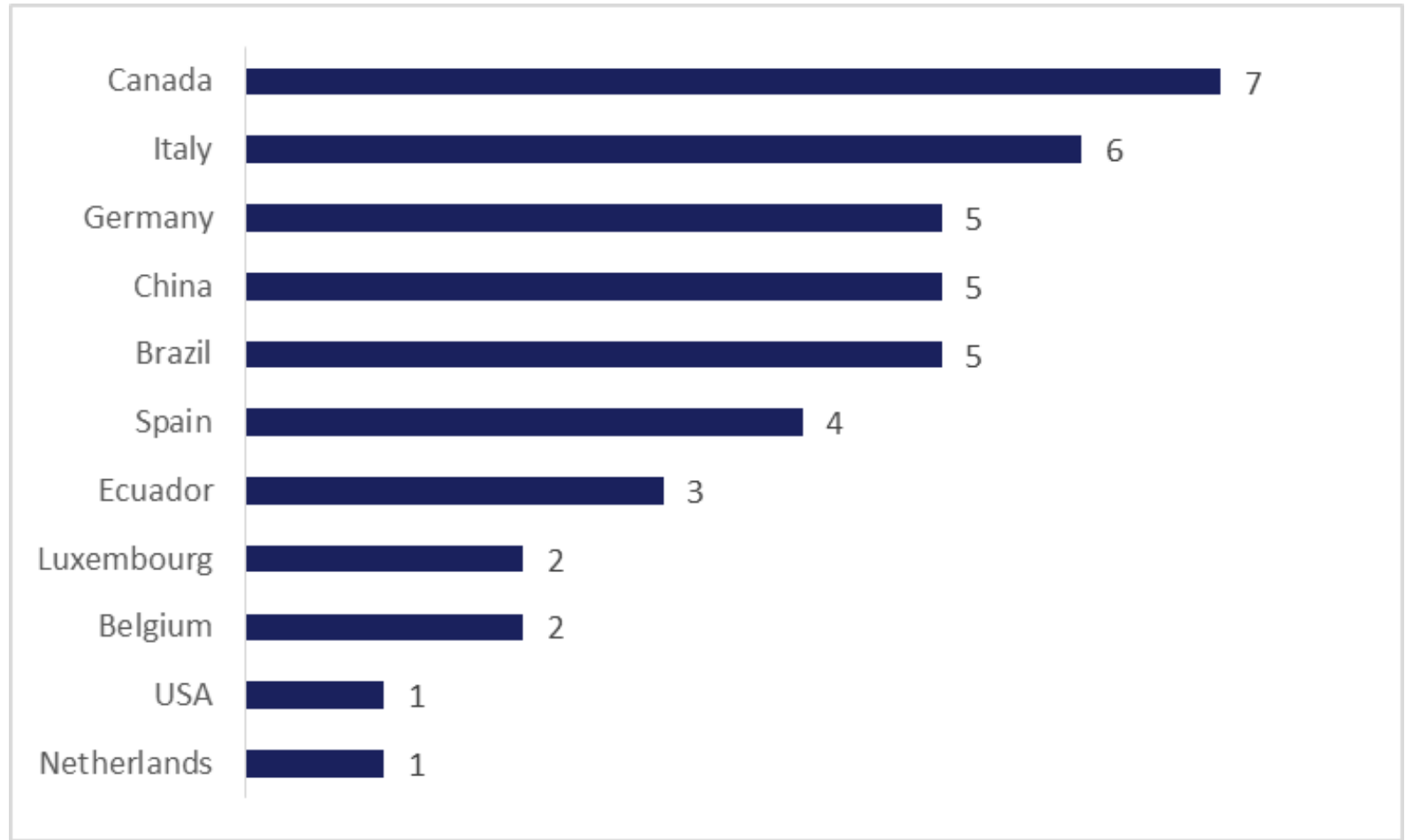
Proceedings available at CEUR-WS, Vol-1829

Provisionally at:

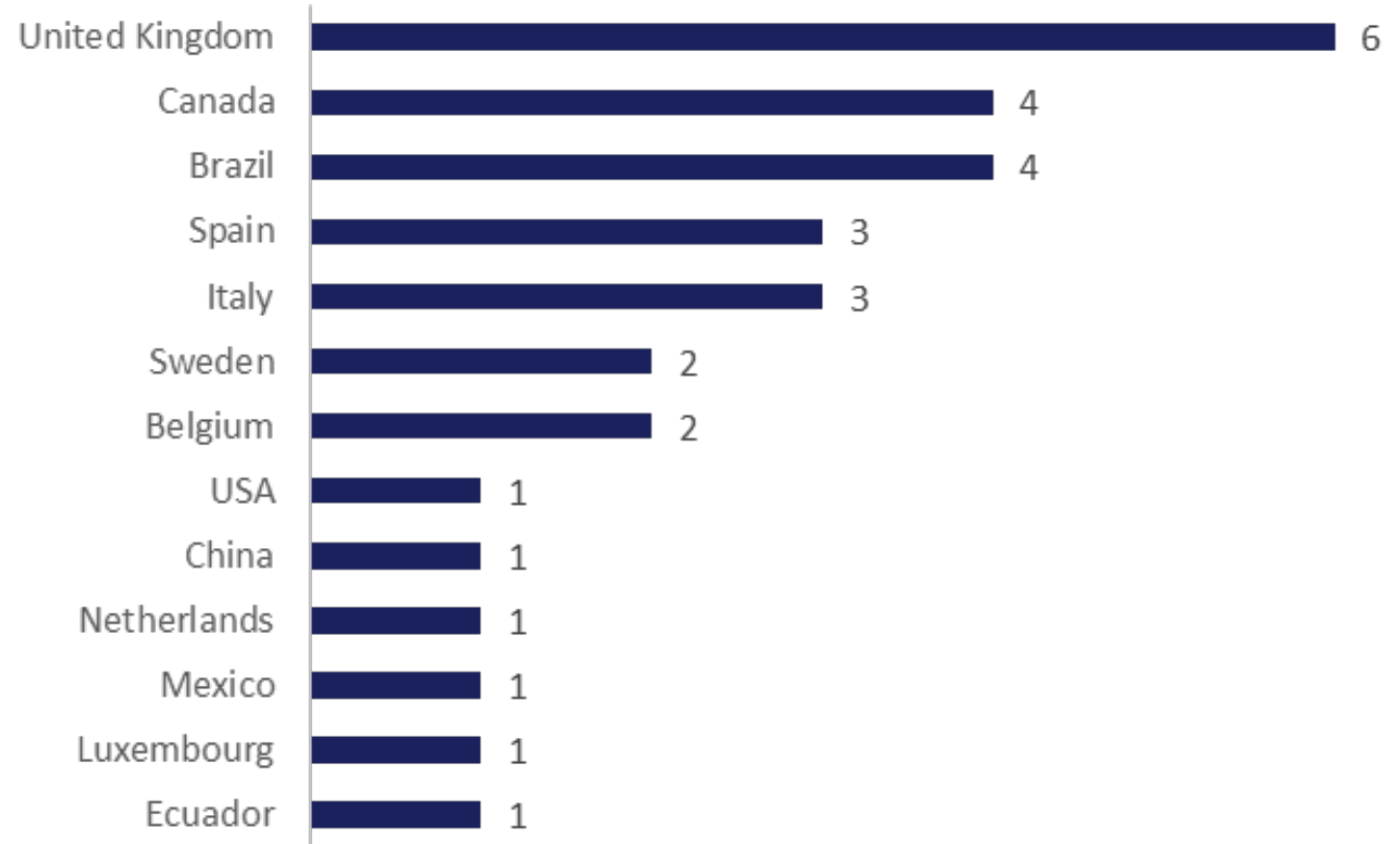
<https://www.dropbox.com/sh/i4y584vzmae0n3d/AAD0vhRcED81q2NqekS3cgHsa?dl=0>



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- ❑ 17 Submissions
  - ❑ 41 Authors
  - ❑ 11 Countries
  - ❑ 2,5 Authors per paper



- ☐ 30 PC Members
- ☐ 3 Additional Reviewers
- ☐ 13 Countries



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- ❑ 1 Keynote + 2 Invited talks
  - ❑ 2 Panels
  - ❑ 17 papers organized in 6 Sessions
    - Monday 12<sup>nd</sup>
      - S1 (11:00 – 12:30): **GOAL-ORIENTED REASONING AND ITS APPLICATIONS**
      - S2 (14:00 – 15:30): **MODELLING PROCESS IMPROVEMENTS**
    - Tuesday 13<sup>rd</sup>
      - S3 (09:00 – 10:30): **MODEL REPRESENTATION**
      - S4 (11:00 – 12:30): **MODELLING ANALYSIS AND REASONING**
      - S5 (13:30 – 15:00): **I★STAR MODELLING AND NOTATIONS (INVITED TALK)**
      - S6 (16:00 – 17:30): **NEXT STEPS FOR I★STAR 2,0 (PANEL)**





Monday, June 12<sup>nd</sup> 9:00 – 10:30

GOAL ORIENTATION: IT WORKS!  
FEEDBACK ON 20 YEARS OF USE IN BUSINESS

DR. ROBERT DARIMONT - CEO, RESPECT-IT, BELGIUM



Monday, June 12<sup>nd</sup> 10:00 – 11:30

I\* IN PRACTICE  
SCALING UP MODEL ACQUISITION AND OTHER WAR STORIES

DR. ADITYA GHOSE - UNIVERSITY OF WOLLONGONG, CANADA



Tuesday, June 13<sup>rd</sup> 10:00 – 11:30

I\* EXTENSIONS  
LOOKING BACK AND THINKING ABOUT THE FUTURE

DR. JOÃO ARAÚJO - UNIVERSIDADE NOVA DE LISBOA, PORTUGAL





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- Monday 12<sup>nd</sup>
    - 16:00 – 17:30: **I\* INDUSTRIAL ADOPTION**
  - Tuesday 13<sup>rd</sup>
    - 16:00 – 17:30: **NEXT STEPS FOR ISTAR 2.0**





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## SESSION 1: GOAL-ORIENTED REASONING AND ITS APPLICATIONS (11:00 – 12:30 )

CHAIR: *Antonio De Padua A. Oliveira, Universidade do Estado do Rio de Janeiro, Brazil*

- ◆ *Goal-aware Analysis of Software License Risks*  
*Fitsum Kifetew, Mirko Morandini, Denisse Munante, Anna Perini, Alberto Siena and Angelo Susi*
- ◆ *Towards Reasoning About Pivoting In Startups With i\**  
*Vik Pant, Eric Yu and Albert Tai*
- ◆ *Quantitative Assessment of Goal Models within and beyond the Requirements Engineering Tool: a Case Study in the Accessibility Domain*  
*Christophe Ponsard and Robert Darimont*



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## SESSION 2: MODELLING PROCESS IMPROVEMENTS (14:00 – 15:30 )

CHAIR: *Denisse Munante*, Fondazione Bruno Kessler, Italy

- ◆ *Supporting i\*-Based Context Models Construction through the DHARMA Ontology*  
*Wilson Pérez, Karina Abad, Juan Pablo Carvallo and Xavier Franch*
- ◆ *A Semi-formal Evaluation of Architecture Design Based on Architecture Principles*  
*Diana Marosin and Sepideh Ghanavati*
- ◆ *Eliciting Goals and Softgoals - How to Perceive the Intentionality at the Beginning of the Journey*  
*Antonio De Padua A. Oliveira, Julio Cesar Leite, Luiz Marcio Cysneiros and Wellington Gabriel Sampaio Da Silva*
- ◆ *Modeling Actors' Goals – The Intentionality Panels Construction - (IP Diagrams)*  
*Antonio De Padua A. Oliveira, Julio Cesar Leite, Luiz Marcio Cysneiros and Vinicius Faustino Santos and Bruno Ramalho Andrade*



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## SESSION 3: MODEL REPRESENTATION (09:00 – 10:30)

CHAIR: *Aditya Ghose, University of Wollongong, Canada*

- ◆ *Dealing with Goal Models Complexity using Topological Metrics and Algorithms*  
*Lucía Méndez, Lidia López and Claudia P. Ayala*
- ◆ *Regression Testing for Properties of Evolving  $i^*$  Models*  
*Ralf Laue and Arian Storch*
- ◆ *An iStar 2.0 Editor Based on the Eclipse Modelling Framework*  
*Martin Liebenberg, Kerstin Roßmaier and Gerhard Lakemeyer*
- ◆ *An Automatic Layout Approach for iStar Models*  
*Xiaolin Du, Tong Li and Dan Wang*



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## SESSION 4: MODELLING ANALYSIS AND REASONING (11:00 – 12:30)

CHAIR: *Martin Liebenberg, RWTH Aachen University, Germany*

- ◆ *Towards Reasoning About Strategic Moves and Reciprocity With  $i^*$  and Game Trees*  
*Vik Pant and Eric Yu*
- ◆ *Argumentation-based Methodology for Goal-oriented Requirements Language (GRL)*  
*Sepideh Ghanavati, Marc van Zee and Floris Bex*
- ◆ *Chatbot Design - Towards a social analysis using  $i^*$*   
*Zia Babar, Alexei Lapouchnian and Eric Yu*



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## SESSION 5: ISTAR MODELLING AND NOTATIONS (14:00 – 15:30)

CHAIR: *Ralf Laue, University of Applied Sciences Zwickau, Germany*

- ◆ *Recent Studies on i\*: A Survey*  
*Affan Yasin and Lin Liu*
- ◆ *Goal modeling without stress: An empirical study of user engagement*  
*Amy Kwan and Eric Yu*

## SESSION 6: ISTAR MODELLING AND NOTATIONS (16:00 – 17:30)

CHAIR: *Lidia López, Universitat Politècnica de Catalunya, Spain*

- ◆ *From i\* to iStar 2.0: An Evolving Social Modelling Language*  
*Lin Liu*







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Authors and Presenters

PC Members and External Reviewers

Session Chairs

Local Organization CAiSE 2017







Time: 19:00

Restaurant: **Ruettenscheider Hausbrauere**  
Girardetstraße 2, 45131 Essen

<http://www.ruettenscheider-hausbrauerei.de/>



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# Let met us at the lobby at 18:40

