



TAIC PART 2017

The 12th Workshop on Testing: Academia-Industry
Collaboration, Practice and Research Techniques

WELCOME!

Emil Alégroth, Rudolf Ramler and Takashi Kitamura

Submissions, reviews and program committee

- **We got 11 brilliant submissions**

- **8 were accepted**

- 4 full papers
- 2 short papers

- **Two exciting key-notes**

- **Open session**

- **Program committee**

Aho, Pekka	Artho, Cyrille Valentin	Engstrom, Emelie
Entin, Vladimir	Felderer, Michael	Fourneret, Elizabeta
Garousi, Vahid	Leotta, Maurizio	Li, Zheng
Marculescu, Bogdan	Marinov, Darko	Mohacsi, Stefan
Mäntylä, Mika	Nakajima, Shin	Oriol, Manuel
Ploesch, Reinhold	Rana, Rakesh	Ricca, Filippo
Schieferdecker, Ina	Sozer, Hasan	Tanno, Haruto
Travassos, Guilherme	Tsuchiya, Tatsuhiko	Unterkalmsteiner, Michael
Woehrle, Matthias	Zimmerer, Peter	



Thanks to our Sponsor!

- **Inceptive is a Swedish, research-driven, consultancy company**
 - Requirements engineering
 - Testing
- **2017-03-10: Got their first official PhD Student**
 - In collaboration with BTH and KKS
- **Contact**
 - Emil.Alegroth@BTH.se



09:00	Opening
09:10	Challenges to Improve the Confidence in Cyber-Physical Systems by Tetsuya Tohdo
10:00	Coverage-Based Reduction of Test Execution Time: Lessons from a Very Large Industrial Project
10:30	Coffee Break
11:00	Are CISQ Reliability Measures Practical? A Research Perspective
11:30	Impact of Education and Experience Level on the Effectiveness of Exploratory Testing: An Industrial Case Study
12:00	A Test Case Recommendation Method Based on Morphological Analysis, Clustering and the Mahalanobis-Taguchi Method
12:30	Lunch
13:00	Lunch
13:30	Lunch
14:00	Results of a Comparative Study of Code Coverage Tools in Computer Vision
14:20	Test Case Generation and Prioritization: A Process-mining Approach
14:40	Software Testing in Industry and Academia: A View of Both Sides in Japan, by Satoshi Masuda
15:30	Coffee Break
16:00	Open Session with talk by Ceren Sahin Gebizli
17:00	Workshop closes

Questions for today

- How do we effectively approach industrial/academic partners?
- How do we effectively collaborate with industrial/academic partners?
 - How do we preserve such a collaboration long-term?
- What are the key challenges/success factors when collaborating with industrial/academic partners?