

## SCIENCE MEETS PRACTICE - SEMINAR

12.10.2016

Urban Mill, Betonimiehenkuja 3 E, 02150 Espoo

Sponsored by Siili Solutions Oyj

### AGENDA

#### 14:30 COFFEE BREAK

- Free discussions with researchers and practitioners.

#### 15:00 SCIENCE MEETS PRACTICE SESSION

*15:00 Siili Solutions Oyj presents showcase projects as well as methods and technologies used in them. The presentations illustrate what practitioners do in practice.*

- **Researchers developing software and organization in and for real business environment**
  - o An on-going internal Action Design Research project in Siili Solutions Oyj has resulted to 6 conference articles, including DESRIST, HICSS, ICIQ, MCIS (all jufo 1) and ICIS (Jufo 2). Lead of CRM&MDM, Sami Laine.
- **Advanced analytics in business settings**
  - o Selected data science achievements by Lead of Analytics and BI, Marek Matusiak.
- **Digitalization leading to significant business benefits**
  - o Siili automated Basware's product data processes to minimize revenue leakage and process lead time. We set up data ownership and data quality management processes. Product data life-cycle was automated from sales to production, billing and reporting. Integrations were made to all relevant business critical systems such as CRM, SAP and production systems. Lead of Cloud&Integrations, Sampsa Vaulimo.
- **Big Data analytics and visualization in cloud environment**
  - o Siili has delivered award-winning web-site (<http://www.siili.com/news/wartsila-wins-telerik-sitefinity-2015-website-year-award>) and is now providing Wärtsilä with web site support. We use the ELK stack for visualization and log collection. ElastAlert for monitoring and alerting on top of AWS. This solution was complimentary to AWS CloudWatch that monitors AWS infrastructure of the website. Lead of Modern CMS, Matti Kiviluoto.

*15:40 Aalto University research groups present showcase research cases including applied techniques and infrastructures. The presentations illustrate what researchers do in practice.*

- **Aalto Information Management Research**
  - o Towards Data-Driven Business Models: From Information Management to Managing with Information. Prof. Pekka Malo, Aalto School of Business.
- **Aalto Industrial Internet Campus**
  - o Industrial Internet Campus is Aalto-wide facility to unite IoT-related teaching and research activities over school border. Prof. Kari Tammi, Aalto School of Engineering.

#### 16:40 FUTURE OPPORTUNITIES FOR INTEGRATING SCIENCE&PRACTICE

*Seminar chairman and selected representatives sum up the opportunities for everyone.*

- Siili Science Club as a platform for researchers to do science in business environment.
- Siili Solutions as a potential employee for academics.
- Aalto ecosystem as a platforms for business collaboration and development.
- Aalto research projects as a way to integrate business with research.

#### 17:00 CLOSING THE SEMINAR

- Free discussions with researchers and practitioners.