BP-Meet-IoT Panel on

“Business Process Management meets Internet of Things: old wine in new bottles?”
Panelists

- Moderator : Massimo Mecella (me)
- Agnes Koschmider
- Estefanía Serral Asensio
- Victoria Torres
- Barbara Weber
- Massimiliano de Leoni
- Marcello La Rosa
Introducing Agnes

- Temporary Professor of Applied Informatics, Karlsruhe Institute of Technology, Germany
- Involved in the BPM area for more than 15 years
- Research Interests
  - Business process modeling & analysis
  - BPM and IoT for automatic behavior analysis
  - Simulation-based techniques for autonomous driving
  - Digital platforms

→ new BPM text book
Introducing Estefanía

- Assistant Professor at TUe
- Senior researcher at KU Leuven
- Previously researcher at TU Wien and UPV
- Research Interests:
  - IoT in BPM
  - Context-Adaptive BPs
  - Model-Driven Development
- 75 research papers (ESWA, SOSYM, MTAP, CAiSE, ER, ...)
- 5 best paper awards
- Organizing Chair of POEM 2017, Co-chair of several workshops, PC member of conferences such as UIC, ISWC, REFSQ, CIBSE, ...
Introducing Victoria

► Associate Prof. at Universidad Politécnica de Valencia (UPV)
► Researcher member at PROS Center
► Ph.D. in Computer Science (2008) at UPV
► Participating in ITEA EU projects since 2010
► Working topics:
  ► BP Families
    ► Managing BP variants
    ► Defining indicators
  ► Ubiquitous BPs
    ► IoT Services (National Project - HUMANISE )
    ► Dynamic services discovery (Collaboration with Extremadura)
  ► End-user tools for service compositions (EU Project - SITAC)
    ► Mobile devices
Introducing Barbara

- Professor of Software Engineering and Head of the Software Engineering Section at the Technical University of Denmark, Denmark
- 130 publications on BPM and related topics
- Research Interests
  - Process of process modeling
  - Human and cognitive aspects of IS engineering
  - Neuro-adaptive information systems
  - Process mining
Assistant Professor in Computer Science
Faculty of Mathematics and Computer Science
Eindhoven University of Technology (The Netherlands)

Area of expertise and research:
• History-aware Decision Support Systems
• Discovery and Analysis of Decision Rules in Business Process
• Multi-perspective Process Discovery
• Multi-perspective Compliance Checking (Auditing)
• KPI Prediction and Recommender Systems
• Multi-dimensional Process Mining
Introducing Marcello

- Professor of Information Systems at the Queensland University of Technology, Brisbane, Australia
- Over 100 publications on BPM and related topics, with a focus on process mining, modeling and automation
- Leader of the open-source initiative Apromore (process analytics) and one of the creators of Nirdizati (predictive monitoring)
- Trained hundreds of students and practitioners in BPM in Australia and overseas, for over ten years
- His textbook on “Fundamentals of BPM” is used in more than 200 institutions, and his MOOCs have attracted over 25,000 participants worldwide
- More information: www.marcellolarosa.com
Questions to experts

- Is BPM and IoT a really new research sub-line or just another buzzword?
  - If yes why (make an example)?
  - If no why (make counter-example)?
- Which methods/technologies from BPM are more useful for application in IoT?
- Which aspects of IoT are more interesting in BPM?
- IoT produces big data. Is this an issue or opportunity for BPM? How do we address it?