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CHIST-ERA Projects Seminar 2019

Topic

*Big data and process modelling for
smart industry (BDSI)*

Speaker(s)

Bucharest, April 4, 2019



Programme co-funded by the
EUROPEAN UNION



- Industry is becoming increasingly digitized. Production generates growing amounts of heterogeneous data, from simple sensor data to complex 3D video streams.**
- Need of new intelligent, flexible, network-centric production and operational approaches where parts, products and machines are interconnected**
- The goal is to enable production and operation at:**
 - higher yield,
 - higher quality,
 - lower costs,
 - lower environmental footprint
 - and increased flexibility.



5 projects present in the Seminar:

- ABIDI Context-aware and Veracious Big Data Analytics for Industrial IoT**
- BIG-SMART-LOG The Use of Big Data Analytics for Process Modelling in Smart Logistics Operations**
- FIREMAN: Framework for the Identification of Rare Events via Machine learning and IoT Networks**
- PACMEL: Process-aware Analytics Support based on Conceptual Models for Event Logs**
- RADIOSENSE: Wireless Big Data Augmented Smart Industry**
- SOON: Social Network of Machines**
- SPuMONI: Smart Pharmaceutical Manufacturing**



Major Achievements and Outputs

- Describe the overall achievements from the projects (ideally in 1 or 2 slides)**
- Key highlights about how the research results have been or will be valorised (if appropriate by who?)**



Topic Challenges and Needs

- Describe the upcoming challenges and the plans to address them**
- Describe any specific need not yet fulfilled**



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Possible Roadmap

- Describe the perspectives, including as much as possible timing information**



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Role of the CHIST-ERA Support

- Describe which features of CHIST-ERA are most helpful for you
- Describe which features are missing



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Questions

Questions ?