



# 2016 Taipei Tech Workshop

Technikum Wien, 22/11/2016

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# Agenda – Part 1

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- **8:45-9:00:** DataScience in Austria (Wolfgang Weidinger, Wolfgang Brunauer)
- **9:00-9:45:** Machine Learning in Medical Imaging: Learning from Large-scale populations (Georg Langs)
- **9:45 -10:30:** Deep Learning - Overview and practical aspects (René Donner)
- **10:30-10:45:** Industrie 4.0 by VDSG and Informance (Wolfgang Weidinger, Roman Ziehengraser, Georg Langs)
- **11:00-12:30:** Industrial Data Space – Digital Sovereignty over Data (Christoph Lange)

## Agenda – Part 2

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- **13:15-14:00:** OpenFabNet - A collaborative approach towards industry 4.0 based on open source, open hardware and open standards (Christian Schwarzingger)
- **14:00-14:45:** Colibri Open BI - The business intelligence integrator for OpenFabNet (Christian Schwarzingger)
- **15:00-15:45:** Data Analyses in Industrial Applications: From Predictive Maintenance to Image Understanding (Matthias Wastian & Dominik Brunmeier)
- **15:45-16:30:** Modelling and Simulation in Industrial Applications: Applying energy optimization to large scale systems (Matthias Rößler, Irene Hafner)

# Participants

No.	Name	Gender	Affiliation	Department	Title	Research Interests
1	Guo-Ming Sung gmsung@ntut.edu.tw	Male	National Taipei University of Technology	Electrical Engineering	Professor & Chairman	IoT system, Magnetic Sensor, Communication ICs for XDSL and SONET, Motor Control IC, Analog and Digital Integrated Circuit
2	Cheng-Han Wu wuchan@yuntech.edu.tw	Male	National Yunlin University of Science and Technology	Industrial Engineering and Management	Associate Professor	Supply Chain Management, Production and Operational Management, Decision Science, Inventory and Logistics Management
3	Jih-Shih Hsu hsujs@yuntech.edu.tw	Male	National Yunlin University of Science and Technology	Information Management, Center for Commerce Automation	Director of CCA	Project Management, Interaction Design, User Experience, Semantic Computing
4	Yen-Chieh Mao yjmau63@gmail.com	Male	National Formosa University	Mechanical Design Engineering	Assistant Professor	Bicycle Key Components, Medical Device Innovation and Startups
5	Tsu-Lien Shen tlshen@nfu.edu.tw	Female	National Formosa University	Center for General Education	Professor & Head	Creative Thinking and Design, Teaching for Creativity Techniques, Teaching Methodology, Creative Problem Solving, Curriculum & Instruction
6	Chuang-Wen Yao yaoinuk@kuas.edu.tw	Male	National Kaohsiung University of Applied Sciences	Mold and Die Engineering	Associate Professor	Non-destructive Text and Ultrasonic Automatic Measurement, Innovative Engineering Design, Patent Engineering
7	Shang-Kuo Yang skyang@ncut.edu.tw	Male	National Chin-Yi University of Technology	Mechanical Engineering	Professor	Reliability Engineering, Data Acquisition System, Biomedical Engineering, Automation

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8	Jeng-Han Li jenghanli@stust.edu.tw	Male	Southern Taiwan University of Science and Technology	Electrical Engineering	Assistant Professor	Intelligent Control Systems, Intelligent Robot Systems, Gait Assistive Devices
9	Chung-Chi Huang cchuang@cc.feu.edu.tw	Male	Far East University	Automation and Control Engineering	Associate Professor	Intelligent Control, Smart Automation, Intelligent System
10	Jeng-Nan Lee jengnan@gcloud.csu.edu.tw	Male	Cheng Shiu University	Mechanical Engineering	Professor	CAD/CAM, Cyber-physical system, Multi-tasking machining technology
11	Wen-Yo Lee tristanWYLee@mail.lhu.edu.tw	Male	Lunghwa University of Science and Technology	Computer Information and Network Engineering	Professor	Robot/CNC, Performance Diagnosis and Monitoring, Sensor and SECS-based FAB Tools Monitoring
12	Chien-Cheng Liu liu@mail.ksu.edu.tw	Male	Kun Shan University	Mechanical Engineering	Professor	Mechanical Field / Manufacture, Engineering Materials, Ceramic Engineering

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