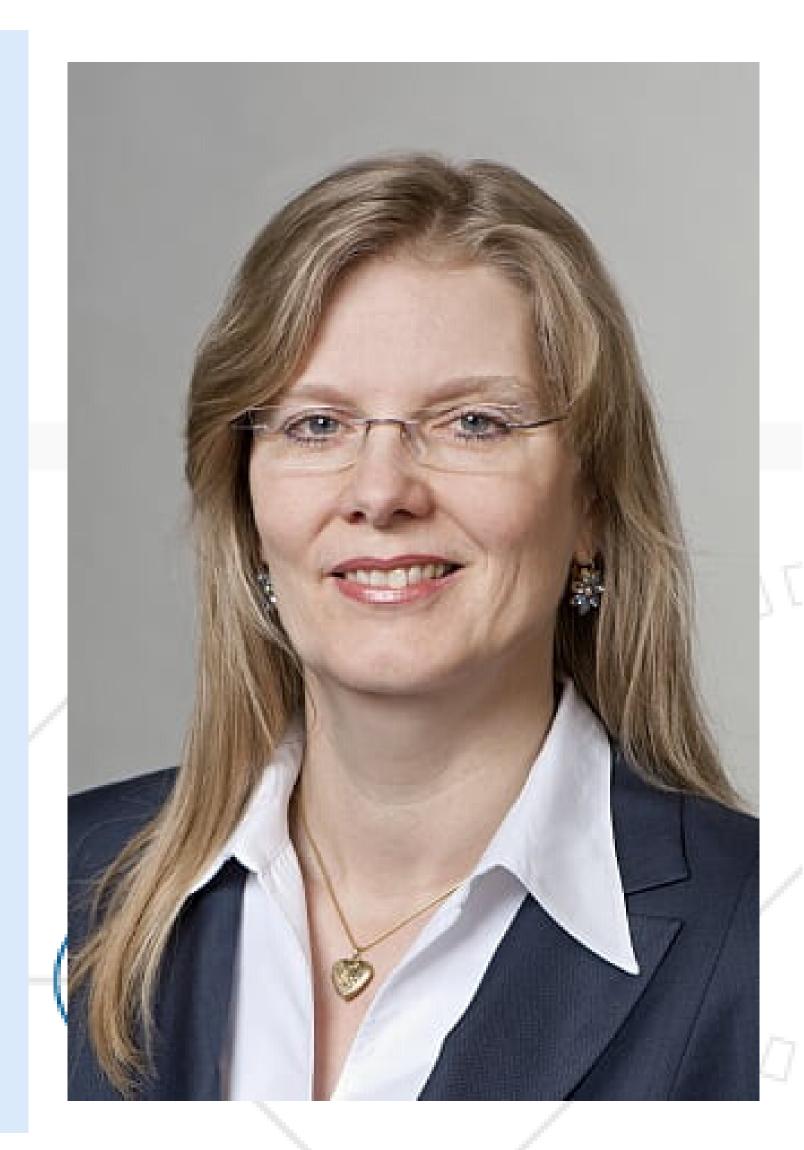
## SOFTWARE ENGINEERING CHALLENGES TO ENABLE INDUSTRY 4.0

**Prof. Birgit Vogel-Heuser** Technische Universität München, Germany



## **ABSTRACT**

Industry 4.0 compliant production systems have lifetimes of up to 30–50 years, throughout which the desired products change ever more frequently. This requires flexible, reusable control software that can be easily maintained and evolved. Challenges to assure long time evolvability as well as selected research results based on verification, code analyses, architectures, metrics as well as agent approaches are presented using based lab demonstrators as well as industrial examples.

2019/11/21 (THU) 14:00-15:30

**MEETING ROOM 95416 INSTRUMENT DEVELOPMENT CENTER, TZU-CHIANG CAMPUS** 



國立成功大學 National Cheng Kung University



智慧製造研究中心 Intelligent Manufacturing Research Center

