

Joint CS/IMSE Colloquium

Dr. Christopher Wunck

DATE: Tuesday, April 30, 2019

TIME: 4:10pm - 5:00pm

LOCATION: B29, Atanasoff Hall

Interdisciplinary Challenges for Smart Manufacturing

This talk aims to address some of the challenges posed by smart manufacturing scenarios for the collaboration between Computer Sciences and Industrial/Manufacturing Engineering. Prof. Wunck will introduce himself as an affiliate professor in the Department of Computer Sciences. He will illustrate his research environment in Germany on Industry 4.0 and point out possible areas of collaboration in research and student exchange.



Prof. Christoph Wunck is a full professor of Business Information Systems at Emden/Leer University of Applied Sciences (Germany), department of Electrical Engineering & Computer Science. He teaches courses on programming, introduction to computer science, software engineering, distributed applications, electronic business systems and process management. His research interests include manufacturing operations and intelligence systems, smart factory, IT architectures and machine learning algorithms in manufacturing. He holds a doctoral degree from the faculty of mechanical engineering and a master's degree (Diplom-Ingenieur) in electrical engineering, both from RWTH Aachen University.

He is the Chairman of the Executive Board Manufacturing at OFFIS Institute for Information Technology at Oldenburg University, one of the leading research institutions on computer science and applications in Germany. He has been appointed Affiliate Professor in the Computer Science Department at Iowa State University of Science and Technology in Ames, Iowa, USA.

His professional experience covers project management and consulting services for a major European business consultancy and work as a consulting engineer for manufacturing and electronics industries. He has served Jade University in Wilhelmshaven (Germany) for nine years in the position of Dean and Dean of Studies. He is a Former Dean in the Global Engineering Dean's Council (GEDC).

Prof. Dr. Wunck is well connected in his field. He is a registered expert for the European Research Council Executive Agency. He serves in the management of conferences and is a reviewer for conference papers, journals and books. He is, among others, a Senior Member of IEEE Industrial Electronics Society, a Fellow of Industrial Engineering and Operations Management Society (IEOM), a Professional Member of IISE Institute of Industrial and Systems Engineering, and a Silver Member of ISACA.