

CURRICULUM VITAE (CV)

Dr.-Ing. Daniel Hahn



Name:	Dr.-Ing. Daniel Hahn
Date of Birth:	08.12.1969
Country of Citizenship/Residence:	Stuttgart, Germany

EDUCATION

Diploma in Mechanical Engineering in year 2000

PhD in 2007: "Mobile Industry Robot for small batch Production"

RELEVANT EMPLOYMENT RECORD

Period	Employee organization	Country	Role
2001 - 2007	APS GmbH - European Centre for Mechatronics	Germany	Researcher
2010 - 2014	Mercury Lighting LTD.	UK	Managing Director
2013 - 2016	APS GmbH - European Centre for Mechatronics	Germany	CEO
2016 - 2018	APS GmbH - European Centre for Mechatronics in ITA Group	Germany	Vice President
2013 - current	United Lux LTD.	UK	Managing Director
2018 - current	VSTP PVT. LTD.	UK	Director
2018 - current	QUANTUM SERVICIOS MARITIMOS LTDA	Chile	Director

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

IEEE, German Research Foundation, AiF German Federation of Industrial Research Associations, Germany, National Organisation for Standardisation, India

LANGUAGE SKILLS

German (work language)

English (work language)

French (basic knowledge)

Spanish (basic knowledge)

PROFILE

Dr.-Ing. Daniel Hahn, born 1969, studied Mechanical Engineering at the Technical University Aachen (RWTH Aachen). In the year 2001 he joined APS – European Centre for Mechatronics as a Research Scientist. At APS, he successfully accomplished the national projects “Service Interface” and “Workshop Robot” funded by the DFG (German Research Foundation) as well “MUMASY” (German Ministry of Education and Research) and “Dockwelder” (FP5). In 2007, he received his PhD in the topic of robots in a workshop-oriented production for small batch production. In FP 6, Dr. Hahn was responsible for the R&D within the project “OSIRIS” at APS and contributed to the IP “SOCRADES-EU”. Further, he was a senior researcher for APS in the FP7 flagship project “IMC-AESOP”.

In addition, Dr. Hahn has successfully accomplished several industry projects. Dr. Hahn is a well-known researcher around the world and is giving lectures, tutorials and presentations. For example, Dr. Hahn was invited to Chittkara University / Chandigarh to the Indo-German week in Feb. 2015 as research expert giving lectures to students as well as presentations to the industry forum. Dr. Hahn was invited as a panelist to the IEEE IECON IES Industry Forum 2011 in Melbourne regarding Next Generation Industrial Communication which paved the way for Industry 4.0. He was selected as key expert for the TECHNOLOGY CENTRE SYSTEMS PROGRAMME from Ministry of Micro Small and Medium Enterprises, Government of India, and the World Bank in 2017. Furthermore, he was invited in November 2016 to the Global Technology Forum in Seoul, South Korea.

Besides his knowhow in project management, he has extensive experience and considerable knowledge in the fields of IT tools for manufacturing, automation strategies, human-centered engineering, and mechatronics. APS has a strong link to industry and currently develops and implements a unique four robot solution with the overall design, electrical planning, and safety in addition with the process operations. Several industry workshops about industrial automation had been performed regarding robot applications, robot/control requirements, economic analysis, life cycle management, robot cells examples etc.

Furthermore, Dr. Hahn developed a new online learning platform with remote access to a real robot. This learning platform has already 10 member universities in India with Indian students executing five different industry projects with Assembly, Welding, Sense&Pick&Place and Palletizing. This program includes a 6 weeks remote faculty training and a 2 weeks faculty training in Germany. The professors are taught in robotics, robot control and simulation for knowledge transfer to their students at their



university/college. This activity encompasses the preparation of all the documents, learning modules, lectures, project descriptions, HOWTOs as well as the set-up of the technical and communication infrastructure.

As a complementary action, a student exchange program with India had been initiated in 2014 with APS, where Dr. Hahn was responsible for the scientific part in addition to plant and fair visits.

In summer 2018, Dr. Hahn taught 45 days Bachelor graduates in Industrial Automation to bridge the gap between academy and industry with a job success rate of 100%. The teaching method was oriented to the Steinbeis approach with a focus on active student participation and hands-on experience at different robots.

He is an eligible guest at international conferences and workshops all over the world so Dr. Hahn was many times invited as a guest of honour and keynote speaker at many international conferences.