

Claus Pahl is an Associate Professor at the Faculty of Computer Science, Free University of Bozen-Bolzano, since February 2016.

Recent Research and Management Positions

He was previously a Senior Lecturer at Dublin City University where he held tenured positions from 1999 to 2016. As a Principal Investigator with specific responsibility for the architecture theme, he helped building the national Irish Centre for Cloud Computing and Commerce IC4 – a technology centre consisting of three academic institutions working with more than 40 industry partners. He has also been a member of the Lero Software Research Centre from its foundation in 2005, as a Funded Investigator and member of the Executive in recent years. He has also been a Funded Investigator at the ADAPT Centre for Digital Content Technologies (and its former incarnation CNGL).

Degrees and Past Employment

Claus Pahl received an undergraduate degree in Computer Science from the Technical University of Braunschweig in Germany in 1990. Between 1991 and 1996 he was employed as a researcher at the Universities of Essen and Dortmund. He was awarded a Ph.D. in Computer Science on the topic of formal specification languages in 1996 from the University of Dortmund. He moved to Trinity College Dublin as a research fellow in 1996 and as an assistant research professor to the Technical University of Denmark in 1997 as part of European research projects. He held a lectureship at University College Cork between 1997 and 1999, before moving to Dublin City University.

Research Activities

His research interests lie in the wider software engineering field, specifically focusing on software architecture. Service engineering and cloud architectures have served as a specific application context for his software architecture research – looking into migration, architecture specification, dynamic quality and performance engineering in this context. He also worked on research aspects in educational technologies, aiming to bring research expertise into the educational side of academia.

In these areas, he published more than 250 papers and has a h-index of 28 (according to Google Scholar). He has attracted more than 5 million Euros in external research funding from national, international and industry sources.

He has been a visiting researcher and lecturer at Northeastern University in Shenyang, China, and has also visited as a researcher at the University of Oldenburg and Napier University in Edinburgh.

He has served on seven journal editorial boards in software engineering and educational technology over time and as a reviewer for more than 30 other journals. He has also been an expert evaluator, reviewer and panel member for the EU and other countries including Austria, the Netherlands, Canada, Hong Kong, Israel, Portugal and Greece. He co-chaired several international conferences and workshops (including IEEE ECOWS 2007 and ECOWS 2008 and SE 2008).

Teaching and Administration

Claus Pahl has been teaching software engineering, programming languages and database technologies across Bachelor and Master degree programs – to both computing students and students with interdisciplinary backgrounds.

He has coordinated several Master degree programmes – for example, he helped to accredited and served as first chairperson of a Master in Software Engineering. He also served on many university management committees on research, teaching and technical work programmes.