

Biography:

Tamas Kiss is a Professor of Distributed Computing at the School of Computer Science and Engineering and Director of the University Research Centre for Parallel Computing at the University of Westminster. He also serves as Editor in Chief of the Journal of Grid Computing – From Grids to Cloud Federations, published by Springer Nature. He holds a PhD in Distributed Computing, and MSc Degrees in Mathematics and Computer Science, and Electrical Engineering. He has attracted over £30 Million research funding and has been leading national and European research projects related to scientific and enterprise applications of cloud computing technologies. Between 2013 and 2016 he acted as project director and scientific coordinator for the European [CloudSME \(Cloud-based Simulation Platform for Manufacturing and Engineering\)](#) project that developed a Cloud-based simulation solution for manufacturing and engineering SMEs. He is Chair of the Scientific Advisory Board of [CloudSME UG](#), a start-up that has been established by ten European stakeholders to exploit the results of the CloudSME project. Recently (2016-2019) he led the EU H2020 [COLA \(Cloud Orchestration at the Level of Application\)](#) project that investigated how a generic and pluggable framework that supports the optimal and secure deployment and run-time orchestration of cloud applications can be created. Since December 2018 he is Project Coordinator for the EU H2020 [ASCLEPIOS \(Advanced Secure Cloud Encrypted Platform for Internationally Orchestrated Solutions in Healthcare\)](#) project that focuses on secure cloud-enabled applications in healthcare. He is also a member of the Executive Board and Coordinator of Application Experiments in the EU H2020 [CloudiFacturing \(Cloudification of Production Engineering for Predictive Digital Manufacturing\)](#) project that brings and progresses advanced information and communications technology in the field of cloud-based modelling and simulation, data analytics for online factory data, and real-time support to European manufacturing SMEs, and work package leader in the EU H2020 [DIGITbrain](#) project that explores how digital twins bring agility and innovation to manufacturing SMEs, by empowering a network of Digital Innovation Hubs with an integrated digital platform that enables Manufacturing as a Service. Prof Kiss co-authored [over 130 scientific publications](#) in peer reviewed journals, high profile conference proceedings and as chapters of edited books.