



PIEAS Colloquium

Edge Clouds: Architectures, Applications and Deployment Models

An architecture for undertaking data processing across multiple layers of a distributed computing infrastructure composed of edge, intermediate gateway nodes and large scale data centres be discussed. The need for specialist data analysis and management algorithms is suggested.

By
Prof. Omer F. Rana

Computer Science & Informatics,
Cardiff University, UK

Friday, April 21, 2017

At

11:00 hrs

In

PIEAS Lyceum

All are cordially invited

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Dr. Omer F. Rana is Professor at Cardiff University, with research interests in high performance distributed computing, data analysis/mining and multi-agent systems. He currently leads the Complex Systems Research Group. He currently serves on the steering committee of Cardiff University's multi-disciplinary "Data Innovation" and "Energy Systems" Research Institutes.

Prof. Rana has contributed to specification and standardization activities via the Open Grid Forum and worked as a software developer with London-based Marshall Bio-Technology Limited prior to joining Cardiff University, where he developed specialist software to support biotech instrumentation.

He also contributed to public understanding of science, via the Wellcome Trust funded "Science Line", in collaboration with BBC and Channel 4. Dr. Rana holds a PhD in "Neural Computing and Parallel Architectures" from Imperial College, an MSc in Microelectronics from University of Southampton, England and a BEng in Information Systems Engineering from Imperial College, London.