DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE

COMPUTER SCIENCE COLLOQUIUM

Network programmability, 5G and microservices

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Tuesday, 15 November, 2022 at 14:15
IMADA's Seminar Room

Abstract:

This talk will briefly explore the opportunities to design new communication services fostered by the more recent network programmability technologies. Virtualization and orchestration of network components based on the NFV-MANO paradigm as well as software defined networking will be reviewed as the basic bulding blocks of this new paradigm. Then it will be described how this technologies are key to the 5G architecture and to implementation of services tailored to specific vertical applications. Finally some examples will be presented mostly focusing on the manufacturing industry and related distributed applications based on microservices.

Host: Jacopo Mauro