IEEE ETFA 2018

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Special Session on
Novel systems and architectures for networked industrial applications.

ORGANIZED AND CO-CHAIRED BY

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OUTLINE

Recent years have seen a strong development of research on networking architectures with the definition of new concepts such as software defined and information-centric networking and network virtualization. With Industry 4.0 fostering for future factories to become smart, reconfigurable and connected, all these new networking concepts, merged with Cloud and Fog computing, are envisioned to be introduced also in industrial systems. Nevertheless, in industrial scenarios data delivery is typically subject to strict reliability and real-time constraints. This SS is hence focused on introduction of these new networking concepts and architectures into networked industrial applications, development of original protocols for their adaptation in order to fulfill timing and reliability requirements dictated by industrial applications. The topics of interest include, but are not limited to:

TOPICS

➢ Network architectures, algorithms and protocols;
➢ Software Defined Networking (SDN);
➢ Network Virtualization (NV);
➢ Industrial Internet of Things;
➢ Cloud and Fog computing in industrial applications;
➢ Information-centric Networking (ICN).

Author's schedule (NEW!!!):

➢ Deadline for submission of special session papers: April 27, 2018
➢ Notification of acceptance: June 1, 2018
➢ Deadline for submission of final manuscripts: July 6, 2018

For additional information please visit www.ieee-etfa2018.com