



# 學術報告

## Cyberphysical Systems: Distributed Computing, Synchronization, and Data Mining



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**Biography:** Nick Freris is currently an assistant professor of ECE at New York University Abu Dhabi, and the director of Cyberphysical Systems Laboratory (CPSLab). He is also a member of the Center for Interdisciplinary Studies in Security and Privacy (CRISSP). He received the Diploma in ECE from the National Technical University of Athens (NTUA), Greece in 2005 and the M.S. degree in ECE, the M.S. degree in Mathematics, and the Ph.D. degree in ECE all from the University of Illinois at Urbana-Champaign in 2007, 2008, and 2010, respectively. His research lies in cyberphysical systems, in particular: distributed estimation, optimization and control in wireless and sensor networks, data mining/machine learning, transportation networks, as well as sparse sampling. His research was recognized with two IBM invention achievement awards, a Vodafone fellowship and the Gerondelis foundation award. Previously, Dr. Freris was a senior researcher in the School of Computer and Communication Sciences at EPFL, Switzerland, where he was the project manager of a long-standing collaboration with Qualcomm. From 2010-2012, he was a postdoctoral researcher in IBM Research – Zurich, Switzerland, where he was involved in a 5-year ERC project on Big Data, as well as the IBM Operations Research Group.