POSTDOCTORAL POSITION
ENGINEERING / CYBERPHYSICAL SYSTEMS
NYU Abu Dhabi

The Cyberphysical Systems Lab (CPSLab) at NYU Abu Dhabi is currently inviting applications for a postdoctoral appointment in Electrical Engineering or Computer Science focusing on Cyberphysical Systems. The focus of the Cyberphysical Systems Lab (CPSLab) is to conduct interdisciplinary research on a wide range of topics and applications related to cyberphysical systems, such as: a) distributed algorithms for estimation, optimization and control, b) big data: data mining/machine learning algorithms with provable guarantees, c) wireless sensor networks, d) system theory, control & optimization, e) signal processing: sparse sampling and online algorithms, as well as applications in networking, robotics, biomedical modeling, power and transportation systems. For more information, please visit: https://wp.nyu.edu/cpslab

Candidates must hold (or be close to completing) a Ph.D. degree in Electrical Engineering, Computer Science, or Applied Mathematics (or a related field) with significant research experience in at least one of the aforementioned areas. Proven competence at conducting independent research, strong mathematical background, excellent communication skills and ability to work in multi-disciplinary teams are essential.

The terms of employment feature a very competitive salary and benefits package (including relocation, housing, insurance, transportation and conference travel support). The appointment is for one year (renewable) and might begin as soon as October 1, 2015, with a later starting date possible, pending candidate availability and obtaining proper governmental approvals.

Applications will be reviewed immediately and will continue until the position is filled. To be considered, candidates should submit a Curriculum Vitae, a research statement, two (2) representative publications and three letters of reference, all in PDF format. Applicants will be required to submit the names and email addresses of reference letter authors, who will be automatically contacted by the application system and directly solicited for their letters. Please visit our website at http://nyuad.nyu.edu/about/careers/faculty-positions.html for instructions and other information on how to apply. For any questions, please e-mail Prof. Nikolaos Freris (nf47@nyu.edu).

About NYUAD:
New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

Entering its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are distinguished in their research and teaching. NYU Abu Dhabi’s highly selective liberal arts enterprise is complemented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

EOE/Minorities/Females/Vet/Disabled