



RESEARCH OPPORTUNITIES IN CYBERPHYSICAL SYSTEMS

The Cyberphysical Systems Lab at New York University Abu Dhabi is hiring researchers at all levels: **PhD Student, Postdoctoral Fellow, Research Assistant, in Electrical Engineering or Computer Science.**

About: The focus of the Cyberphysical Systems Lab (CPSLab) is to conduct interdisciplinary research across 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, c) wireless sensor networks, d) system theory: control & optimization, e) signal processing: sparse sampling and online algorithms, as well as applications in signal processing, transportation, cybersecurity, networking, robotics, and biomedical modeling.

Requirements: Research Assistant and PhD applicants must hold (or be close to completing) an MS degree, and Postdoctoral Fellows a PhD, in Electrical Engineering, Computer Science, or Applied Mathematics with significant research experience in at least one of the aforementioned areas. PhD applicants need to also apply directly to [NYU](https://www.nyu.edu) for admission by Dec. 15. A proven publication record, solid mathematical background, excellent communication skills, and the ability to work in multi-disciplinary teams are essential. Applicants must submit a CV, research statement, cover letter with a brief research plan, along with the names and contact information for three recommenders in a single PDF file to Prof. Nikolaos Freris (nf47@nyu.edu).

Start date & Salary: The start date is flexible. A very competitive salary and benefits package (including relocation, housing, insurance, transportation and conference travel support) are provided – note: UAE do not levy any income tax.

For more information, please visit: <https://wp.nyu.edu/cpslab>

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, complemented by a network of 12 research and study-away sites across five continents. Faculty and students circulate within the network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary endeavors, both local and global.

Entering its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in both research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi's highly selective liberal arts enterprise is enhanced by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering. NYUAD is housed at a newly built campus in the vibrant city of Abu Dhabi, the capital of UAE.