Multiple Postdoc, PhD, Master, Intern, Visiting Student Positions at KAUST

Are you interested in bringing the beauty of advanced mathematics, cybersecurity, machine learning and control into infrastructure networks? Can you help in transforming the critical infrastructures into smart, secure, effective, reliable and efficient networks? Do you like to make sense of big data in utility infrastructure? Do you think renewable and intermittent sources can be managed more reliably? Are you interested in analytics and enhanced security solutions for the future cyber-physical systems?

Prof. Charalambos Konstantinou is joining the Division of Computer, Electrical and Mathematical Sciences and Engineering (CEMSE) at the **King Abdullah University of Science and Technology (KAUST)** as an Assistant Professor in the CS and ECE programs. His interested areas include **Cybersecurity, Cyber-Physical and Industrial Control Systems, Smart Grid, and Embedded Systems**. See his [personal website](#) for details. He is (always) looking for postdocs, PhD students, internship and visiting students (all are fully funded) to start from either **Fall 2021 (accepting applications on a space-available basis), Spring 2022, or Fall 2022**. The prospective candidates will work on the security of cyber-physical systems and embedded devices, operational challenges, computational innovation in power systems area, real-time simulation and modeling tools, and cutting-edge technologies and techniques for the future cyber-physical systems. If you are interested in working or have common interests with him, please send him via email (ckonstantinou@ieee.org) your CV and transcripts before applying.

Internships

If you would like to visit Prof. Konstantinou's Lab at KAUST as an intern, send him an email and explain why you are interested in this. Include a CV and a transcript. Interns can spend anywhere between several weeks to 6 months. KAUST has several internship programs, including the [VSRP (Visiting Student Research Program)](#), [Visiting Student](#), [SSI (Saudi Summer Internships)](#). Internships come complete with a salary/stipend, flight ticket, free on-campus accommodation, health insurance, and visa fee reimbursement.

MS/PhD and PhD positions (https://admissions.kaust.edu.sa/)

If you have a BS degree, apply to the combined MS/PhD program. If you have an MS degree already, apply directly to the PhD program. Every admitted student earns the KAUST Fellowship, which grants them: Full Free Tuition Support, Monthly Living Allowance (From \$20,000 to \$30,000 annually, depending on qualifications and degree progress), On-Campus Housing, Medical and dental coverage, and Relocation Support. KAUST accepts students for entry in Fall (August) and Spring (January). However, most students start in the Fall. There are several application rounds throughout the year, and hence you can essentially apply at any time. [Apply here](#). Prof. Konstantinou can supervise students in the CS & ECE programs.

Desired Qualifications for MS/PhD students
- First and foremost: strongly motivated and critical thinking.
- Have a degree (BS or MS) in Electrical or/and Computer Engineering, Computer Science, Applied Math, Cybersecurity or a closely related field.
- Team working skills & proficiency in written + speaking English (TOFEL IBT 79 or IELTS 6).
- Good programming skills (e.g., C/C++, Python, MATLAB, Julia).
- Knowledge of computer security and electric power systems is a plus.
- Publication(s) is/are preferred but not required.

Postdocs positions

The initial application process is quite informal. Send Prof. Konstantinou your CV, transcript of grades and explain why you are interested to join his team. Should your application get shortlisted, a Skype interview will be arranged.

Interested candidates email your CV and transcripts to Prof. Konstantinou ckonstantinou@ieee.org

For more information, please visit:
https://ckonstantinou.github.io/
https://www.kaust.edu.sa/en
https://cemse.kaust.edu.sa/
https://cemse.kaust.edu.sa/cs
https://cemse.kaust.edu.sa/ece
https://admissions.kaust.edu.sa/
https://cacm.acm.org/magazines/2021/4/251349-building-a-research-university-in-the-arab-region/fulltext

About KAUST: Established in 2009, KAUST is a graduate-level research university located on the shores of the Red Sea, North of Jeddah. Scientists and engineers at KAUST aim to address global challenges by conducting research in the broad strategic themes of water, food, energy and the environment. By offering expertise in 19 research areas related to these themes, KAUST has created a collaborative and interdisciplinary problem-solving environment.

KAUST **Vision**

Be a destination for **scientific** and **technological education** and **research**.

By inspiring discoveries to address **global challenges**, we strive to serve as a **beacon of knowledge** that bridges **people** and **cultures** for the **betterment of humanity**.

Merit-based
Graduate research university

English
Language of instruction

Degrees
M.S. , Ph.D. , M.S./Ph.D.