

Dynamical Systems, Neuroscience and AI

Openings:

I have multiple Ph.D. open positions in my research group in the Artificial Intelligence Institute of UofSC (AIISC) and the Computer Science and Engineering department at the University of South Carolina (UofSC), Columbia, USA, for conducting research at the intersection of - (Theme 1:) Dynamical systems and Neuroscience and (Theme 2:) Dynamical systems and AI, with possible applications in areas including neuro-inspired computing, neuroscience and neurodevelopmental disorders, cyber-physical systems, autonomous intelligent systems, and smart manufacturing.

If you have a background in dynamical systems, machine learning, or computational neuroscience, and are interested in working on exciting and interdisciplinary research projects, please send me your details including CV and transcripts at vignar@sc.edu.

About Me:

I am an Assistant Professor in AIISC and the department of Computer Science and Engineering at UofSC. Before joining UofSC, I was a postdoctoral research associate at the Washington University in St. Louis. I have a Ph.D. in Electrical Engineering from the Missouri University of Science and Technology, Rolla, USA, with a research concentration in the interdisciplinary areas of dynamical systems, learning and data science, and computational neuroscience.

<https://vignar.github.io>

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About AIISC:

AIISC offers an exceptional environment for maturing into an independent researcher. The benefits include:

1. Wide portfolio of exciting topics in AI - work on the latest core AI and translational research on challenging real-world problems and see real-world impact
2. World-class new, dedicated facility, with exceptional computing facilities
3. Highly supportive, collaborative, diverse and inclusive environment with exceptional faculty members
4. Access to wide industry and academic networks including highly successful alumni who are academics, industry researchers, and entrepreneurs

<https://aiisc.ai/index.html> (check out all tabs)

<https://www.linkedin.com/company/aiisc/>

<http://youtube.com/aiisc>

<http://slideshare.net/aiisc>

About University of South Carolina:

The University of South Carolina System is comprised of the state's flagship university in Columbia (founded in 1801 and currently one of the top 50 "Best Colleges" according to U.S. News and World Report), three regional comprehensive universities (USC Aiken, USC Beaufort and USC Upstate), and Palmetto College consisting of four two-year campuses (USC Lancaster, USC Salkehatchie, USC Sumter, USC Union and Fort Jackson/Extended University). Together, the USC System institutions offer more than 450 degree programs on campus and online and are uniquely positioned to meet the state's educational, cultural, health and research needs. The System employs nearly 14,000 people who work daily to improve the lives of students, fellow South Carolinians and the world. Our diverse engaged faculty and staff enjoy a dynamic and intellectually stimulating work environment.

<https://sc.edu>

About the [College of Engineering & Computing](#)

Note: Please check with the graduate admissions office for application deadlines.

https://sc.edu/apply/apply_to_graduate_school/index.php