

A postdoctoral position with the SMS-Cyber-Physical Systems research group (currently consisting of 1 full professor, 2 assistant professors, 1 postdoc, 8 doctoral students) at the Faculty of Science and Engineering, University of Groningen, the Netherlands.

Description

A postdoctoral position is available with the SMS-Cyber-Physical Systems research group (currently consisting of 1 full professor, 2 assistant professors, 1 postdoc, 8 doctoral students) at the Faculty of Science and Engineering, University of Groningen, the Netherlands. The group is affiliated with the J.C. Willems Center in Systems and Control. The research of the group currently focuses on resilient control, security of cyber-physical systems, datadriven estimation and control, feedback control via optimization, with applications to power systems, flow networks and data centers. The postdoc will be involved in the research activities of the group. The position also gives the successful candidate the possibility to further develop his/her educational skills and to be involved in teaching and student supervision.

Duration: initially one year, starting as soon as possible, with the possibility of extending the contract for one or two more years. Applications are accepted on a rolling basis and the position will remain open until a successful candidate is found.

Your Profile:

- A Ph.D. degree in Control Theory, Mechanical, Computer, Electrical & Electronics Engineering, Applied Mathematics, Computer Science;
- An excellent background in Systems & Control Theory. Preference will be given to candidates with strong expertise in one or more of the following areas, as demonstrated by results and papers in top-tier publications: identification, nonlinear control, networked control systems, cyber-physical systems, dynamical networks, hybrid control systems, distributed control and optimization, machine learning, synchronization in complex networks, robust and optimal control;
- Strong academic credentials, written and spoken English proficiency.

About the organization: Since its foundation in 1614, the University of Groningen has enjoyed an international reputation as a dynamic and innovative center of higher education offering high-quality teaching and research. Study and career paths in a wide variety of disciplines encourage currently more than 30,000 students and researchers to develop their individual talents. Belonging to the best research universities in Europe, the top 100 universities in the world and joining forces with prestigious partner universities and networks, the University of Groningen is truly an international place of knowledge.

Information: Interested candidates please send your application together with your detailed CV, motivational letter (1/2- 1 A4 page) and list of references to: c.de.persis@rug.nl, p.tesi@rug.nl, n.monshizadeh@rug.nl *Please specify the following text in the subject*: SMS-CPS - PostDoc application