Proposal of an Open Invited Track

Session title: Young graduate researchers in Asian institutes

Organizers:

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Abstract:

This Open Invited Track (OIT) aims at promoting interactions among IFAC WC participants and young researchers in Asia working in robotics and control systems fields. Since robotic technologies are highly demanded in our society, there are many novel challenges, which have not been achieved with solid theoretical proof. Control systems research also faces significant challenges prompted by the recent progress in network science, machine learning, and big data science. This OIT welcomes not only accomplished research results but also those in early stages, including proposals of innovative mechanical structures, system integrations, control theory, and valuable applications in robotics and control systems, or other topics related to robotics and control systems technologies. This OIT plans to bring many young people together who have not yet joined any events of IFAC. For this purpose, the presentation type of this OIT allows only interactive (poster) sessions and accepts only discussion papers (in an extended abstract form between 2 to 4 pages). Submitted papers will be evaluated in Technical Committee 9.4 (Control Education).

Keywords:

Robotics, System integration, Application of robotics, Control theory, Control applications

Detailed description of the topic:

This track is devoted to graduate students in Asian institutes and serves as a forum to communicate with participants in IFAC WC. Graduate students in all Asian institutes are invited to submit their research works under the form of discussion paper. Presentations will be made in English through interactive sessions. The works can concern recent research results, ongoing research, case studies, and literature analysis.

Link to a web page to further describe the track: none