

REVISED CALL FOR PAPERS

SPECIAL ISSUE ON SYSTEM IDENTIFICATION AND CONTROL IN BIOMEDICAL APPLICATIONS

Due to several kind requests, we have decided to extend the deadline for the special issue of the *IEEE Transactions on Control Systems Technology* devoted to the subject of System Identification and Control in Biomedical Applications. The new time-line is as follows

- ~~November 1, 2017~~ March 1, 2018: deadline for paper submission,
- ~~March 1, 2018~~ July 1, 2018: deadline for notification to authors of outcome of the first round of reviews,
- ~~May 1, 2018~~ October 1, 2018: deadline for revised papers to be received,
- ~~June 1, 2018~~ November 15, 2018: deadline for notification to authors of final decision,
- ~~July 31, 2018~~ December 20, 2018: strict deadline for receipt of final papers,
- May 2019: Tentative publication issue.

The purpose of this special issue is to document the current status of research in this field through an original collection of diverse, high-quality papers. The emphasis is on the role control systems technology plays in advancing the state of the art in the challenges of applying feedback control in living organisms, with emphasis on biomedicine. Specifically, we aim at *(i)* pointing out theoretical and practical issues specific to biomedical systems, *(ii)* bringing together solutions developed under different settings with specific attention to the validation of these tools in bio-medical settings using real-life datasets and experiments, and *(iii)* introducing significant case studies.

Only contributions that include significant results based on analysis of real data or experimental validation will be included. Papers must contain high-quality original contributions and be prepared in accordance with the *IEEE Transactions on Control Systems Technology* standards. Prospective authors are advised to consult the “Information for Authors” prior to submitting a paper via <http://www.ieeecss.org/>

publications/tcst/information-authors. Contributions should be submitted via <https://mc.manuscriptcentral.com/tcst> by **March 1, 2018**. Prospective authors should state in their cover letter and in the notes section of the submission site that their manuscript is intended for the special issue on “system identification and control in biomedical applications.” Submitted manuscripts must not have been previously published or be under review for possible publication elsewhere.

All papers will be rigorously reviewed according to the standards of the *IEEE Transactions on Control Systems Technology*.

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