

CALL FOR PAPERS

2023 American Control Conference

May 31 – June 2, 2023, San Diego, CA, USA

(<http://acc2023.a2c2.org/>)

ASME-IEEE Joint Invited Sessions on Healthcare and Medical Systems

The ASME DSCD Bio-Systems and Healthcare Technical Committee and IEEE CSS Technical Committee on Healthcare and Medical Systems are pleased to jointly organize invited technical sessions at the 2023 American Control Conference, San Diego, CA, USA.

Contributions are solicited in the areas of modeling, simulation, analysis, estimation, control of a variety of biomedical systems. Specific topics include, but are not limited to:

Bioinstrumentation, signal/image processing	Disease monitoring and therapeutic systems
Physiological closed-loop control systems	Medical device and assistive technologies
Bio-robotics	Neural signal processing and dynamic modeling
Brain computer interface and neural control	AI/ML applications in healthcare and medical systems
Emergency response to pandemic outbreak	Infection prevention, control and treatment

You are cordially invited to submit a draft L-CSS or ACC paper ([in PDF format, including the Paperplaza PIN for all the authors with the corresponding author indicated](#)) to the invited session organizers Wenlong.Zhang@asu.edu and/or jhahn12@umd.edu. The timeline is as follows:

Submit a draft L-CSS paper to the invited session organizers (Wenlong.Zhang@asu.edu and/or jhahn12@umd.edu)	September 9, 2022
Notification of L-CSS paper inclusion in the BSHC-HMS invited sessions	September 13, 2022
Submit the L-CSS paper to Paperplaza (https://css.paperplaza.net/journals/cssl/scripts/login.pl)	September 16, 2022
Submit a draft ACC paper to the invited session organizers (Wenlong.Zhang@asu.edu and/or jhahn12@umd.edu)	September 23, 2022
Notification of ACC paper inclusion in the BSHC-HMS invited sessions	September 27, 2022
Submit the ACC paper to Paperplaza (https://css.paperplaza.net/conferences/scripts/start.pl)	September 30, 2022

Papers not included in the invited sessions can be submitted as regular ACC papers by Sept. 30, 2022.

Organizers

Wenlong Zhang, Arizona State University	Rajesh Rajamani, University of Minnesota
Jin-Oh Hahn, University of Maryland	Alexander Medvedev, Uppsala University