

# Human Machine Interactive Controls Workshop Agenda

The Johns Hopkins University  
3400 N. Charles St.  
Baltimore, MD 21218

## Thursday, February 20, 2020

8:30 - 9:00 AM	<b>Continental Breakfast</b>	316 & 318 Clark Hall
9:00 - 9:15	<b>Welcome Remarks</b> <ul style="list-style-type: none"> <li>• <b>Ed Schlesinger</b>, Benjamin T. Rome Dean of Whiting School of Engineering</li> <li>• <b>Sridevi Sarma</b>, Associate Professor of Biomedical Engineering, Vice Dean for Graduate Education, Johns Hopkins University</li> <li>• <b>Samuel C. Stanton</b>, Program Manager, Complex Dynamics and Systems, U.S. Army Research Office</li> </ul>	
<b>Session I: SCS Data &amp; Models</b>		
9:15 - 9:40	<b>Aaron Batista</b> , Associate Professor of Bioengineering, University of Pittsburg	
9:40 - 10:05	<b>Byron Yu</b> , Professor of Biomedical Engineering and Electrical & Computer Engineering, Carnegie Mellon University	
10:05 - 10:15	<b>Coffee Break</b>	
10:15 - 10:40	<b>Karen Schroeder</b> , Postdoctoral Fellow, Zuckerman Institute, Columbia University	
10:40 - 11:05	<b>Reza Shadmehr</b> , Professor of Biomedical Engineering, Neuroscience & Neuroengineering, Johns Hopkins School of Medicine	
11:05 - 11:30	<b>Marc Schieber</b> , Professor of Neurology, Neuroscience, and Biomedical Engineering, University of Rochester	316 & 318 Clark Hall
11:30 - 12:30 PM	<b>Lunch</b>	
<b>Session II: SCS limitations &amp; enhancements</b>		
12:30 - 12:55	<b>Adrian Haith</b> , Assistant Professor of Neurology, Johns Hopkins School of Medicine	
12:55 - 1:20	<b>Amy Bastian</b> , Chief Science Officer, Motion Analysis Lab, Kennedy Krieger Institute, Johns Hopkins Medical Institutions	
1:20 - 1:35	<b>Coffee Break</b>	
1:35 - 2:00	<b>Daniel Wolpert</b> , Professor of Neuroscience and Principal Investigator at Zuckerman Institute, Columbia University	
2:00 - 2:25	<b>Shreya Saxena</b> , Postdoctoral Fellow, Department of Statistics, Columbia University	
2:25 - 4:00 PM	<b>Panel Summary</b>	
6:30 - 8:00 PM	<b>Dinner</b>	Lebanese Taverna 719 S President St.

## Friday, February 21, 2020

8:45 - 9:30 AM	<b>Full Breakfast</b>	Hodson Hall, 3 <sup>rd</sup> floor lobby
	<b>Session III: Brain Machine Interfaces &amp; Robotics</b>	Hodson Hall, Boardroom
9:35 - 10:00	<b>Noah Cowan</b> , <i>Professor of Mechanical Engineering, Johns Hopkins University</i>	
10:00 - 10:25	<b>ShiNung Ching</b> , <i>Associate Professor of Electrical &amp; Systems Engineering, Washington University in St. Louis</i>	
10:25 - 10:50	<b>Coffee Break</b>	
10:50 - 11:15	<b>Nitish Thakor</b> , <i>Professor of Biomedical Engineering, Neuroscience &amp; Neuroengineering, Johns Hopkins School of Medicine</i>	
11:15 - 11:40	<b>Evangelos Theodorou</b> , <i>Associate Professor of Aerospace Engineering, Georgia Tech</i>	Hodson Hall, 3 <sup>rd</sup> floor lobby
11:40 - 12:30 PM	<b>Lunch</b>	Hodson Hall, Boardroom
12:30 - 12:55	<b>Sam Burden</b> , <i>Assistant Professor of Electrical &amp; Computer Engineering, University of Washington</i>	
12:55 - 1:20	<b>Naira Hovakimyan</b> , <i>Professor of Mechanical Science &amp; Engineering, University of Illinois</i>	
1:20 - 1:45	<b>Sertac Karaman</b> , <i>Associate Professor of Aeronautics &amp; Astronautics, Massachusetts Institute of Technology</i>	
1:45 - 2:30	<b>Panel Summary and Concluding Remarks</b>	

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