



## The Dynamic Systems and Control Division

Awards this certificate of recognition to

*Tayfun Efe Ertop, Maxwell Emerson, Margaret Rox,  
Josephine Granna, Fabien Maldonado, Erin Gillaspie,  
Michael Lester, Alan Kuntz, Caleb Rucker, Mengyu Fu,  
Janine Hoelscher, Inbar Fried, Ron Alterovitz, and Robert  
Webster*


The 2020 DSCC Best Student Paper Finalist

“Steerable Needle Trajectory Following in The Lung: Torsional  
Deadband Compensation and Full Pose Estimation with 5DOF  
Feedback for Needles Passing Through Flexible Endoscopes”

Presented at  
2020 ASME Dynamic Systems and  
Control Virtual Conference  
October 5-7, 2020



  
Roberto Horowitz  
Honors Committee Chair

  
Santosh Devasia  
Division Chair, 2020-2021