MESA Lab (<http://mechatronics.ucmerced.edu>) contributions to DTPI 2021 ([www.dtpi.org](http://www.dtpi.org)) [last updated 5/19/2021]

* 3081 MOABS/DT: Methane Odor Abatement Simulator with Digital Twins (Derek)
* 3042 Parallel Self Optimizing Control Framework for Digital Twin Enabled Smart Control Engineering (Jairo)
* 3040 Digital Twin Enabled Methane Emission Abatement Using Networked Mobile Sensing and Mobile Actuation (Di)
* 2995 Digital Twins Enabled Remote Laboratory Learning Experience for Mechatronics Education (Furkan and Jairo)
* Digital twin behavior matching of a single axis servo for industrial robots (Dr. Ying Luo, HUST)
* Towards Cognitive EV Charging Stations Enabled by Digital Twin and Parallel Intelligence (Dr. Xianming Ye, Univ. of Pretoria)