IEEE MIT Undergraduate Research Technology Conference 2015
Technical Paper Oral Presentation Schedule

Saturday, November 7, 2015 Stata Center 32-123		
TIME	**TITLE**	**Author**
10:30AM	A miniature combined horizontal wind-turbine and PV demonstration kit for K-12 STEM programs	Alexander Proulx, Anthony D'Amico, Charles Thangaraj (Roger Williams University)
10:50AM	Evaluation of Standard Municipal Energy Benchmarking Tools	Ethan Daniel, Charles Thangaraj, Benjamin McPheron (Roger Williams University)
11:10AM	Lowerbounds for the Online Minimum Matching Problem on the Line	Maximillian Bender (Connecticut College)
11:30AM	Spectral Anomaly Detection with Machine Learning for Wilderness Search and Rescue	Julia Proft (Connecticut College)
11:50AM	Interactions Between Gliding Dislocations in 3C-SiC(001)	Steven Ceron (University of Florida) Hiroyuki Nagasawa, Maki Suemitsu (Tohoku University)
12:10AM	Developing an Integrated Mobile Medical Platform for Rural India: Power Supply and Signal Compression to Reduce Power Requirements	Manting Lao (Massachusetts Institute of Technology)

IEEE MIT Undergraduate Research Technology Conference 2015
Technical Paper Oral Presentation Schedule

\	Saturday, November 7, 2015 Stata Center 32-123	
TIME	**TITLE**	**Author**
1:30PM	Extension of Fuzzy Gustafson-Kessel Algorithm Based on Adaptive Cluster Merging	Austin Krauza (CUNY College of Staten Island)
1:50PM	Algebraic Conditions for Generating Adjacency Arrays	Karia Dibert, Hayden Jansen, Jeremy Kepner (Massachusetts Institute of Technology)
2:10PM	Spike Train Encoding of Analog Signals in a Graphene Fiber Ring Laser	Leonidas Tolias, Bhavin Shastri, Mitchell Nahmias, Alexander Tait, Thomas Ferrieira de Lima (Princeton University)
2:30PM	UVision: A Lightweight Portable UVR Detection System	Matthew Sheehan, Omar Hoblos, Devin Laferriere, Chen-Hsiang Yu (Wentworth Institute of Technology)
2:50PM	Smart Guide: Mid-Scale NFC Navigation System	Nicolas Bonzani, Edward Kang, Mira Yun, Chen-Hsiang Yu (Wentworth Institute of Technology)
3:10PM	Software development for correlating multi-wavelength images	Samantha Miller (St. Joseph's College Long Island)
3:30PM	Using SVM for User Profiling for Autonomous Smartphone Authentication	Trisha Datta (Princeton University), Kyriakos Manousakis (Applied Communication Sciences)