

IEEE MIT Undergraduate Research Technology Conference 2018
Lightning Talks Schedule

| Sunday, October 7, 2018 Stata Center 32-123 (Lightning Talks Schedule) Session Chair: Bruce Hecht | | |
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| TIME | TITLE | AUTHORS / SPEAKERS |
| 11:30AM | TK18-0016: Investigating the role of Plp1 in the formation of Rim4 Amyloid-Like Assemblies | Anubhuti Mathur (Columbia University) |
| 11:35AM | TK18-0002: Creating a Model to Optimize and Evaluate the Heat-Reducing Capacity of Green Infrastructure | Natasha Stamler (MIT) |
| 11:40AM | TK18-0032: Serverless Computing as a solution to scalability for small to medium scale web applications | David Gamboa (New York Institute of Technology Manhattan) |
| 11:45AM | TK18-0035: Inexpensive Cluster System & the Benefits of Freshman Engineering Research Projects | Carson Deckard (Taylor University) |
| 11:50AM | TK18-0037: Readability Enhancement of PDF Files on Mobile Devices | Zachary Shelton, Chen-Hsiang Yu (Wentworth Institute of Technology) |
| 11:55AM | PA18-0036: ECT Image Reconstruction through a Learning-Based Modular Deep Neural Network | Elizabeth Chen, Costas Sarris, Andrea Luttgen (University of Toronto) |
| 12:00PM | TK18-0012: Player 1 Human, Player 2 Machine | Braden Elliott (University of Evansville) |
| 12:05PM | TK18-0022: Dynamic Modeling of Storm Power Outages Using an LSTM Recurrent Neural Network | Berk Alpay (University of Connecticut) |
| 12:10PM | TK18-0024: Using Genetic Algorithms for Financial Portfolio Optimization | Tristan Onek (East Tennessee State University) |
| 12:15PM | TK18-0025: A Lucky Catch: How a Coding Bot Built with Neural Nets Catch Programmers' Thoughts | Jia Lin Cheoh (Purdue University) |
| 12:20PM | TK18-0038: Strain Engineering Valleytronic Materials to Preserve State Coherence | Nima Leclerc (Cornell University) |
| 12:25PM | TK18-0039: Feature Extraction with Deep Neural Networks for Music Visualization | Rachel Manzelli (Boston University) |
| 12:30PM | TK18-0003: A Novel IMU Factor Derivation for Superior Visual Inertial Navigation | Yehonathan Litman (Stony Brook University) |
| 12:35PM | TK18-0009: SuperHERO Assistive Technology Robot | Joycephine Li, Jannat Hoque, Jannatul Mahdi (New York City College of Technology) |
| 12:40PM | TK18-0011: Robotic Mannequin with Social Interaction | Estrella Moreira, Rumana Syed, Farjana Ferdousy, Tasha Deeroop (New York City College of Technology) |
| 12:45PM | TK18-0031: Location-dependent Cryptography | Kunal Mukherjee, Mike Ciholas (University of Evansville, MIT) |