

Applied Math 2nd Year Student Research presentations
Thursday, December 10, 2020

Zoom: <https://arizona.zoom.us/j/89811376204> Password: 373765

Time	Student Name / Advisor Name	Talk Title
8:00-8:30	Sarah Pungitore / Joceline Lega	Exploring Parameter Relationships of SEIR and SEIR-SEI Models for Vector-Borne Diseases
8:30-9:00	Teddy Broeren / Kristopher Klein	Accuracy of Multipoint/Multiscale Magnetic Field Reconstruction of the Solar Wind
9:00-9:30	Sarah Luca / Jean-Marc Fellous	Characterizing Spindles Using Feature Extraction and Fuzzy C-Means Clustering
9:30-10:00	Brian Toner/ Ali Bilgin	Bayesian Convolutional Neural Networks for MRI Image Reconstruction
10:00-10:30	Brady Gales /Sunder Sethuraman and Kwang- Sung Jun	Generalized Linear Multi Arm Bandits
<i>10:30-11:00</i>	<i>Break</i>	
11:00-11:30	Patricia Puente / Laura Condon	Identifying Patterns in Long Term Streamflow Variability and Predictability in the Upper Colorado River Basin using a Nonlinear Dynamics Approach
11:30-12:00	Adrienne Kinney / Joceline Lega	Neural Network Models of Mosquito Abundance
12:00-12:30	Criston Hyett/ Misha Chertkov	Machine Learning Statistical Geometry of Turbulence
12:30-1:00	Sheldon Deeny	TBA
1:00-1:30	William Gammel/ Kevin Lin	Couplings and Local Sensitivity Estimates