



MAKO Undergraduate Mathematics Research Conference – 2019

Saturday, November 9

Schedule

Note: This schedule is tentative.

8:30 am – 9:00 am	Coffee and Pastries – Cheek Lobby
9:00 am – 9:05 am	Welcome
9:05 am – 9:55 am	Invited Talk: “A Primer on Deep Learning for Mathematicians” Dr. Scott Simmons, Drury University
10:00 am – 10:25 am	“An Algebraic Introduction to Turtle Geometry” Jordon Daugherty, Missouri State University
10:30 am – 10:55 am	“Lie Theory: An Introduction and Historical Analysis” Montana Miller, Missouri State University
11:00 am – 11:25 am	“Using Machine Learning and Math to Assess Stroke Patient Recovery” Carter Sifferman, Drury University
11:30 am – 12:25 pm	Lunch – Cheek Lobby
12:30 pm – 12:55 pm	“Tiling Punctured Checkerboards” Ethan Lynch, Missouri State University
1:00 pm – 1:25 pm	“The Periodic Behavior of a Class of Functions Modulo N” Jake Miles, Missouri State University
1:30 pm – 1:55 pm	“The Number of Cyclic Subgroups of a Group: A Brief Introduction” Jamie Chavez Malacara, Missouri State University
2:00 pm – 2:05 pm	Closing and final remarks