

MCCNNY 2020 Conference Program

Saturday, Feb 29, 2020, Clarkson University, Bertrand H. Snell Hall

8:50 -- 9:00	Opening and Welcome			Dr. Dan Look	Snell 214
9:00 -- 9:50	Keynote: Non-Euclidean Billiards			Dr. Jeff Weeks	Snell 214
Poster Presentation 9:50 -- 10:30 Outside of Snell 214	Modeling and Classifying Crime Hotspots			Alissa Whiteley	Snell 214 Pool game tryout
	Creating a Statistical Model for Evaluating the Concentration of Smog in China			Haojing Jia	
	Building an All Voice Reminder			Xin Tao	
	Analyzing the Transition to Buffeting of a 2D Airfoil using the Dynamic Mode Decomposition			Sathsara Dias	
	Analysis of Collective Cell Behavior Through Statistical and Topological Methods			Alfred Worrad	
10:35 -- 11:25	Keynote: How Data Science Makes Me a Better Gamer			Dr. Ivan Ramler	Snell 212
Oral Presentation	Snell 212	Chair Blair Madore	Presenter	Snell 214	Chair Daniel Look
					Presenter
11:30 -- 11:45	An Expository Look into the Banach-Tarski Paradox		Sky Ratcliffe	A Localized Radial Basis Function Method for Solving Black-Scholes Equations in 1D and 2D	
11:45 -- 12:00	Cops and Robbers on Graphs		Clare Jenkins	Impacts on patient's Income-Poverty Ratio in relations to Rheumatoid Arthritis with Behavioral and Socioeconomic Factors	
12:00 -- 12:40	Lunch				
12:40 -- 13:30	Keynote: The Science of Intentional Visualization			Dr. Joe Skufca	Snell 212
Oral Presentation	Snell 212	Chair Blair Madore	Presenter	Snell 214	Chair Daniel Look
					Presenter
13:30 -- 13:45	Bears and Fish: A Variation of Cops and Robbers on Graphs		Kira Murphy	Extension of the Human Blood Coagulation Model to Understand the Role of C1-Inhibitor in Hereditary Angioedema	
13:45 -- 14:00	"The story so far": Writing Styles, Authorship, and Naive Bayes		Mairead Drake	Intelligent Smoke Detector Placement for the International Space Station	
14:00 -- 14:15	Disposables vs. Reusables: Using Real World Problems to Motivate Math Modeling and Coding in High School		Corey Ryder	Approaching Agricultural Management Trade-offs using Agent-Based Modeling	
14:20 -- 15:20	Jeopardy			Dr. Blair Madore	Snell 212
15:20 -- 15:30	Award and Closing			Dr. Dan Look	Snell 212