

<b>Track A</b>				
<b>Time start</b>	<b>Time End</b>	<b>Title</b>	<b>Speakers</b>	<b>Summer affiliation</b>
13:00	13:15	Opening Remarks	Kevin Pilgrim	IUB
13:15	13:30	Dynamics on Dilation Tori	Mason Haberle	IUB
13:40	13:55	Geometric properties of 3-ellipses and their relationship to numerical range	Drew Anderson, Jordan Crawford	Taylor
14:05	14:20	Extensions of the uniform random polygon model	Xingyu Cheng, Pedro Morales	Rose Hulman
14:30	14:45	Calculating the Probability of Linking of Random Polygons	Spencer Eddins, Yasmin Aguillon	Rose Hulman
14:45	15:15	<b>BREAK</b>		
15:15	15:30	Geometric Finite Subdivision Rules for Polygons	Rebecca E. Barry and Jenavie Lorman	IUB
15:40	15:55	Normality properties of composition matrices	Hallie Kaiser, Katy O'Malley, and Grace Weeks	Taylor
16:05	16:20	A Coalition Game on Finite Groups	Ebtihal Mostafa Abdelaziz	Goshen College
16:30	16:45	Knots and Links in Modular Tensor Categories	Sung Kim	IUB
16:50	17:00	Closing remarks		
<b>Track B</b>				
<b>Time Start</b>	<b>Time end</b>	<b>Title</b>	<b>Speakers</b>	<b>Summer affiliation</b>
13:25	13:40	The Adoption of M-Pesa: A Percolation Approach to Network Goods	Lisa Reed, Janet Stefanov, and Zerrin Vural	Rose Hulman
13:50	14:05	Markov models for DNA sequencing on trees	Alex Xue	IUB
14:15	14:30	Dynamic transitions of the Swift-Hohenberg equation with third-order dissipation	Kevin Li	IUB
15:15	15:30	Using Mathematical Modeling to Predict Flow and Oxygenation of the Retina	Amanda Albright, Grace Mattingly	IUPUI
15:40	15:55	Modeling the Impact of Adoptive Transfer in Murine Heart Transplant Rejection	Mei Knudson, Lauren Mossman	IUPUI
16:05	16:20	Three-Dimensional Steady and Near Steady-State Cancer Cell Model	Allison Cruikshank, Jacob Woodrome	IUPUI
16:30	16:45	Simple Python Implementation of the Cellular Potts Model	Trevor Gordley, Benjamin Thomas	IUPUI