09:50-10:00	**Welcome** Bir Kafle, Indiana Section Chair		
10:00-10:50	**Opening Keynote Address** *Current Trends in Diophantine Sets* Alain Togbe, Purdue University Northwest		
	Breakout Room *One* Moderator: Stacy Hoehn	**Breakout Room** *Two* Moderator: Josh Holden	**Breakout Room** *Three* Moderator: Justin Lambright
11:00-11:20	S. Klanderman, Marian: *Factors that motivate students to learn mathematics*	T. Horine, IU Southeast: *Developing an interactive fiction project to engage History of Math students*	**Project NeXT Panel** *Alternative Assessments Techniques* **Panelists:** Z. Gates, Wabash College N. Kong, IU East
11:25-11:45	C. Barua and G. Fragoso ∇, Valparaiso: *Determining the winner in a graph theory game*	G. Cowley and K. Kim ∇, Wabash: *Rainbow numbers of $\mathbb{Z}_n$ for $x - y = z^2$*	
11:50:12:10	J. Contreras, Ball State: *The joy of investigating geometric converse problems with GeoGebra*	N. Lewis, Marian: *Convex optimization in statistics*	
12:10-13:00	**Lunch Break**		
	Breakout Room *One* Moderator: Matt DeLong	**Breakout Room** *Two* Moderator: Colin McKinney	**Breakout Room** *Three* Moderator: Amber Russell
13:00-13:20	P. Fonstad, Franklin: *Getting together apart: Math Club events for uncertain times*	M. Karls, Ball State: *Verifying one-dimensional groundwater flow with incomplete data*	R. Karki, IU East: *Key strategies to engage students in an online math class*
13:25-13:45	L. M. Nelsen, Colorado College: *Trying to make modeling less scary in the differential equations classroom*		**Unable to attend – video of talk was shared with participants** J. Roeder ∇, Trine: *Classifying 2-dimensional real algebraically defined graphs by diameter*
13:55-14:15	A. Rosenblum ⊗, Purdue: *A tourist's guide to o-minimality*	K. Raihala ∇, IU East: *Analyzing the safety of the cycling network in Trier, Germany*	H. Phan ∇, DePauw: *Numerical approaches of pricing options in the Cox-Ross-Rubinstein models*
14:20-14:40	D. Collins, U Puerto Rico: *Consciousness toolkit*	**Unable to attend – video of talk was shared with participants** J. Roeder ∇, Trine: *Two-player pebbling game on a simple graph*	R. McHone ∇, IU East: *Convolution inequalities with probability distributions*
14:45-15:35	**Closing Keynote Address** *Geometry, Greed, Games, and 'Roids* **James Oxley,** Boyd Professor, Louisiana State University		
15:35	**Adjournment:** We hope to see you in April 8-9, 2022 for the Spring meeting at Indiana Wesleyan University.		

∇ Undergraduate student speaker   ⊗ Graduate student speaker