MIGHTY LX
60TH MIDWESTERN GRAPH THEORY CONFERENCE
SEPTEMBER 28-29, 2018

PURDUE UNIVERSITY FORT WAYNE

Friday, September 28

4:00 – 5:30	Conference Registration	Faculty Lounge, KT 154
5:30 – 6:30	Cocktail Hour	Alumni Center
6:30 – 9:00	Conference Banquet	Alumni Center

Saturday, September 29

8:00-8:45	Registration and coffee	SB 176
8:45	Official Welcome	SB 168

Contributed Talks

	SB 168	SB 185	SB 178
9:00-9:20	**Akito Oshima** *The strength of hypercube*	**A Somasundaram** *Domination Subdivision Number of a Graph*	
9:20-9:40	**Murong Xu** *Decomposition and r-hued Coloring of $K_4(h)$ - minor Free Graphs*	**Dalibor Froncek** *Nearly Platonic graphs*	
9:40-10:00	**Xiaofeng GU** *Chorded cycles in dense graphs*	**Terry McKee** *Odd twists on strongly chordal graphs*	
10:00-10:20	**Linda Lesniak** *Hamiltonian Properties in k – Partite Graphs*	**Sylwia Cichacz** *Linear bounds on nowhere-zero group irregularity strength and nowhere-zero group sum chromatic number of graphs* +	
10:20-10:40	Coffee Break		
10:40 – 11:40	Harary Lecture – SB 168 S Arumugam		

	SB 168	SB 185	SB 178
11:40-11:50	Conference Photo, SB 178		
11:50-1:10	**Lunch Break**		
	Contributed Talks (continued)		
	SB 168	**SB 185**	**SB 178**
1:10-1:30	**Slamin** *Distance vertex irregular labeling of graphs*	**Michael Santana** *Finding disjoint theta graphs with a given minimum degree*	
1:30-1:50	**Andrea Fenovcikova** *Inclusive distance vertex irregular labelings*	**Lauren Keough** *The Maxiumum Rectilinear Crossing Number of Some Spiders*	
1:50-2:10	**Mark Korenblit** *Structures and Numbers of Mincuts in Two-Terminal Directed Acyclic Graphs*	**Allan Bickle** *Independence Number of Maximal Planar Graphs*	
2:10-2:30	**Coffee Break**		
2:30-2:50	**Jian-Bing Liu** *Matching Number and Modulo Orientations*	**Rinovia Simanjuntak** *On the local metric dimension of line graphs*	
2:50-3:10	**Zhang Zhang** *Flows of signed graphs and related topics*	**Garry Johns** *On the Connectedness of 3-Line Graphs*	
3:10-3:30	**Dara Nicole Zirlin** *Cut-edges and regular factors in regular graphs of odd degree*	**Yang Wu** on s-hamiltonian Z_8-free line graphs	
3:30-3:50	**Break**		
3:50-4:10	**Yu Qiu** *Some sharp results on the generalized Turán numbers*	**Shariefuddin Pirzada** *Laplacian spectra of a graph and Brouwer's conjecture*	
4:10-4:30	**Jeremy Lyle** *The Super Slater Number of a Graph*	**Grace McCourt** *A bounded diameter strengthening of Ryser's conjecture*	

4:30-4:50	**Ranjan Rohagti** *Lozenge tilings of a symmetric hexagon with a missing shamrock*	**Jennifer White** *Additive List Coloring of Planar Graphs with Given Girth*	