

INDIANA SECTION MAA SPRING MEETING PROGRAM 2014

Indiana University - Purdue University Fort Wayne
 Friday and Saturday, April 4-5, 2014

Friday, April 4

3:00-5:00	Conference Registration	Neff Lobby
4:00-6:00	MAA Book Sale	Neff 133
3:30-3:50	ICMC Registration	Neff Lobby
4:00-4:15	ICMC Orientation	Neff 101
4:30-6:30	ICMC	Classrooms TBA

CONTRIBUTED TALKS

ROOM	NEFF 135	NEFF 139
4:30-4:50	Interaction Methods and Technologies for Online Math Classes Young You Indiana University East	On the diagonalization of certain Toeplitz matrices in multicarrier modulation Todor Cooklev IPFW
5:00-5:20	Student-Centered Assessment Dan Callon Franklin College	Harmonic analysis of a class of reproducing kernel Hilbert spaces Feng Tian Trine University

5:30-6:30	Executive Board Meeting	Neff 140
6:30-7:30	Banquet Dinner and Awards	Ballroom -Walb Union North 150
7:30-8:30	"Mathematical Morsels from <i>Futurama</i> and <i>The Simpsons</i>"	Sarah Greenwald, Appalachian State University (Ballroom - Walb Union)

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= IPFW 50th Anniversary
 1964 - 2014



Saturday, April 5

7:00-8:00	Chairs/Liaison's Breakfast The Mastodon Grill	Holiday Inn @IPFW and The Coliseum, 4111 Paul Shaffer Drive, Fort Wayne
7:45-9:00	Conference Registration	Neff Lobby
8:30-2:30	MAA Book Sale	Neff 133
8:35-8:45	Welcome by Professor Lipman	Neff 101
8:45-9:45	"Two Heads Are Better Than None"	Stephen Kennedy, Senior Acquisitions Editor, MAA Books (Neff 101)

CONTRIBUTED TALKS			STUDENT WORKSHOP
Room	Kettler 216	Kettler 218	Kettler 220
9:55-10:15	De Bruijn Arrays: The L Problem Rachel Rockey ** Valparaiso University	Developing Mathematical Apps Denise Szecsei University of Iowa	Prof. Josh Holden Rose-Hulman Institute of Technology An Interactive Tour of Public Key Cryptography (and of Number Theory)
10:20-10:40	Sudoku and Orthogonal Arrays John Lorch Ball State University	W-graphs over Non-Commutative Rings Alexander Diaz-Lopez* University of Notre Dame	
10:45-11:05	Overlapping Congruent Rectangles John Donnelly Univ of Southern Indiana	Goals and Pedagogy for Remedial Mathematics Indiana NEXt Panel	
11:10-11:30	A Dynamical Version of Smale's Mean Value Conjecture Max Zhou** Indiana University, Bloomington	Melissa Desjarlais (Valparaiso) Angie Walls (Franklin) Jeff Watt (IUPUI) Moderator: Justin Lambright Anderson University	
11:35-11:55	Higher Dimensional Conic Sections Samuel Roth* IUPUI		
12:00-12:20	On the Separation of Optimal Spherical Configurations Peter Dragnev IPFW		

Student talks: (*) graduate student; (**) undergraduate student

12:25-12:35	ICMC Results	Neff 101
12:45-1:40	Lunch	Walb Student Union Stomping Grounds G10
1:50-2:20	Business Meeting	Neff 101

GENERAL ADJOURNMENT - See you October 18, 2014 at Trine University, Angola, Indiana