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SECOND WOMEN'S WORKSHOP ON COMMUNICATION AND SIGNAL PROCESSING



Workshop Program

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## SECOND WOMEN'S WORKSHOP ON COMMUNICATION AND SIGNAL PROCESSING

**July 15, 2014**

Time	Event and Location
<b>12PM-5PM</b>	Check-in, Scully Hall
<b>6PM-8PM</b>	Pizza Dinner and Panel Discussion "Where Do I Go From Here?", Fine Tower, Professor's Lounge

**July 16, 2014**

Time	Event and Location
<b>9AM-9:30AM</b>	Welcome and Introductions, Friend Center 006
<b>9:30AM-12PM</b>	Invited Talk, Session 1, Friend Center 006
	9:30AM-10:15AM Emina Soljanin, "A Coding Tale of a Tail at Scale"
	10:15AM-11AM Maite Brandt-Pearce, "Wireless Connectivity through Lighting: Techniques and Applications of Visible Light Communications"
	11AM-11:45AM Brenda Connor, " "
<b>12PM-2PM</b>	Lunch, Friend Center, Convocation Room
<b>2PM-4PM</b>	Poster Session 1
	Poster 1 Qi Wang, "Single-User Versus Multi User for Downlink MIMO in LTE-A"
	Poster 2 Hanan Al-Tous, "A Low Complexity Algorithm for Selective DF-OFDM System"

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Time	Event and Location	
	Poster 3	O.J Femi-Jemilohun, "Feasibility study of 24GHz gigabit indoor WLAN links"
	Poster 4	Basak Guler, "Communicating with Semantic Sources"
	Poster 5	Anu Merican, "Long-Range Passive Optical Networks (LRPON) and Hybrid-PON Access Networks"
	Poster 6	Beatrice Tomasi, "Energy-Efficient Transmissions for Delay Constrained Wireless Communication with Discontinuous CSI"
	Poster 7	Pirathayini Srikantha, "Power Dispatch in Distributed Generation Systems via Bifurcation Control"
	Poster 8	Nicole Nichols, "Weakly supervised click models for odontocete species classification"
	Poster 9	Liang Zheng, "Smart Spectrum Access Algorithms in Mobile TV White Space Networks for Utility Maximization"
<b>4PM-5:30PM</b>	Breakout Session, Friend 006	
<b>5:30PM-7PM</b>	Group Hike, Lake Carnegie	
<b>7PM-9PM</b>	Dinner, Friend Center, Convocation Room	

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## July 17, 2014

Time	Event and Location	
<b>9AM-11AM</b>	Poster Session 2	
	Poster 1	Hina Tabassum, "On the Performance of Channel-Allocation Aware User Association in Cellular Networks with Base-Station Sleeping"
	Poster 2	Gireeja Ranade, "Information Flows in Universal Control Systems"
	Poster 3	Mai Vu, "Uplink Mobile-to-Mobile Cooperation for Cellular Communications"
	Poster 4	My Chinh, "Hybrid Interweave-Underlay Spectrum Access for Cognitive Cooperative Radio Networks"
	Poster 5	Mahi Abdelbar, "Cooperative Classification of Wireless Signals in Future Cognitive Radio Networks"
	Poster 6	Laura Vertatschitsch, "Digital Signal Processing for the Event Horizon Telescope"
	Poster 7	Parastoo Qarabaqi, "Underwater Acoustic Channel Modeling and Simulation"
	Poster 8	Nasim Arianpoo, "A Distributed Learning Mechanism to Improve TCP Fairness in Wireless Multi-hop Networks"
	Poster 9	Ruigen Yao, "Strain and Acceleration Data Fusion for Damage Diagnosis in Truss Bridge"

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Time	Event and Location	
	Poster 10	Ilknur Aydin, "Considering an Alternative ACK Policy for SCTP-Based Concurrent Multipath Transfer over Multihop Wireless Networks"
<b>11AM-12PM</b>	Sirin Tekinay, "Women in Communications Engineering - an International Perspective, and the Role of IEEE," Friend Center 006	
<b>12PM-2PM</b>	Lunch and Panel Discussion "What to Expect", Friend Center, Convocation Room	
<b>2PM-5:15PM</b>	Invited Talks, Session 2, Friend Center 006	
	2PM-2:45PM	Eve Riskin, "Compression of ASL Video: A Human-Centered Approach"
	2:45PM-3:30PM	Daniela Tuninetti, "Information theoretic limits of cooperative interference networks"
	3:30PM-3:45PM	Break
	3:45PM-4:30PM	Antonia Tulino, "Beyond IID Gaussian Matrices in Compressed Sensing"
	4:30PM-5:15PM	Tara Javidi, "Information Acquisition in Face of Partial Observations and Acquisition Costs"
<b>5:15PM-5:45PM</b>	Social Media Presentation, Elena Neira and Ting Qian	
<b>6PM-</b>	Group Outing, Downtown Princeton (Boxed Dinners will be provided and attendees are free to enjoy the campus or downtown Princeton individually or in groups)	

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## July 18, 2014

Time	Event and Location	
<b>9AM-12:15PM</b>	Invited Talk, Session 3, Friend Center 006	
	9AM-9:45AM	Anna Scaglione, "A Decision Model Based on Encoding Load Flexibility for Demand Response"
	9:45AM-10:30AM	Pamela Cosman, "Unequal Error Protection for Transmission of 3D Video"
	10:30AM-10:45AM	Break
	10:45AM-11:30AM	Sara Kate Wilson, "The Beacon Comes of Age: Intensity-Modulated Optical Wireless Communications"
	11:30AM-12:15PM	Octavia Dobre, "Blind Signal Identification for Emerging Intelligent Radio Systems"
<b>12:15PM-2PM</b>	Lunch and Breakout Session, Friend 006	
<b>2PM-3PM</b>	Feedback Discussion and Wrap-Up, Friend 006	

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