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Co-Chair: Hajek, Bruce		Univ. of Illinois
Organizer: Srikant, R		Univ. of Illinois
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	Organizer: Martins, Nuno	Univ. of Maryland
	Organizer: Mehta, Prashant G.	Univ. of Illinois
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	Fardad, Makan	Syracuse Univ.
	Jovanovic, Mihailo	Univ. of Minnesota

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	Sinopoli, Bruno	Carnegie Mellon Univ.
	Xavier, João	Inst. for Systems and Robotics, Lisbon, Portugal

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Chair: Viswanath, Pramod	Univ. of Illinois
Organizer: Veeravalli, Venugopal	Univ. of Illinois
Organizer: Viswanath, Pramod	Univ. of Illinois

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Liang, Yingbin	Univ. of Hawaii
Poor, H. Vincent	Princeton Univ.

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Chiang, Mung	Princeton Univ.
Chou, Philip	Microsoft Res.
Li, Jin	Microsoft Res.
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Jafar, Syed Ali	UC Irvine

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Liang, Yingbin	Univ. of Hawaii
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WeC2	Solarium
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Chair: Pishro-Nik, Hossein	Univ. of Massachusetts Amherst
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Pishro-Nik, Hossein	Univ. of Massachusetts Amherst
Banihashemi, Amir	Carleton Univ.

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Pfister, Henry	Texas A&M Univ.
Narayanan, Krishna	Texas A&M Univ.

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Huang, Qin		Univ. of California, Davis
Kang, Jingyu		Univ. of California, Davis
Zhang, Li		UC Davis
Lin, Shu		Univ. of California, Davis
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Ihler, Alexander		Univ. of California
Avissar, Harel		The Hebrew Univ. of Jerusalem
Dolev, Danny		Hebrew Univ. of Jerusalem

WeC3		Butternut
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Chair: Srikant, R		Univ. of Illinois
Co-Chair: Hajek, Bruce		Univ. of Illinois
Organizer: Srikant, R		Univ. of Illinois
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Shrader, Brooke		MIT Lincoln Lab.
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Sanghavi, Sujay		Univ. of Texas, Austin
Shroff, Ness		The Ohio State Univ.

WeC4		Pine
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Chair: Alpcan, Tansu		Berlin Tech. Univ.
Organizer: Alpcan, Tansu		Tech. Univ. Berlin
Organizer: Basar, Tamer		Univ. of Illinois
Organizer: Boche, Holger		Tech. Univ. Berlin
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Zheng, Rong		Univ. of Houston
Poor, H. Vincent		Princeton Univ.
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Naik, Siddharth		Tech. Univ. of Berlin
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Alpcan, Tansu		Tech. Univ. Berlin
Singh, Jatinder		Deutsche Telekom Inc.
Boche, Holger		Tech. Univ. Berlin

WeC5		Lower Level
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Chair: Santhanam, Narayana Prasad		UC Berkeley
Organizer: Santhanam, Narayana Prasad		UC Berkeley
Organizer: Milenkovic, Olgica		Univ. of Illinois
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Weigt, Martin		Inst. for Scientific Interchange, Turin, Italy
Lage-Castellanos, Alejandro		Univ. of Havana
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 Erlich, Yaniv Watson School of Biological Science, Cold Spring Harbor Lab.
 Shental, Noam Department of Computer Science, The Open Univ. of Israel
 Amir, Amnon Physics of Complex Systems, Weizmann Inst. of Science
 Zuk, Or Broad Inst. of MIT and Harvard

WeC6 Visitor Center
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Chair: Wagner, Aaron Cornell Univ.
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WeD1 Library
Wireless Communication/Information Theory I - Part 2 (Invited Session)

Chair: Viswanath, Pramod Univ. of Illinois
 Organizer: Veeravalli, Venugopal Univ. of Illinois
 Organizer: Viswanath, Pramod Univ. of Illinois

15:40-16:00 WeD1.1

Distributed Universally Optimal Strategies for Interference Channels with Partial Message Passing (I), pp. 579-584.
 Aggarwal, Vaneet Princeton Univ.
 Avestimehr, Salman Cornell Univ.
 Sabharwal, Ashutosh Rice Univ.

16:00-16:20 WeD1.2

Inferring Popular Ranking (I)*.
 Jagabathula, Srikanth MIT
 Shah, Devavrat MIT

16:20-16:40		WeD1.3
<i>Interference Channels with Arbitrarily Correlated Sources (I)</i> , pp. 585-592.		
Liu, Wei		Syracuse Univ.
Chen, Biao		Syracuse Univ.
16:40-17:00		WeD1.4
<i>Nonlinear Network Coding Is Necessary to Combat General Byzantine Attacks (I)</i> , pp. 593-599.		
Kosut, Oliver		Cornell Univ.
Tong, Lant		Cornell Univ.
Tse, David		UC Berkeley

WeD2	Solarium
Iterative Decoding - Part 2 (Regular Session)	

Chair: Milenkovic, Olgica		Univ. of Illinois
15:40-16:00		WeD2.1
<i>FPGA-Based Low-Complexity High-Throughput Tri-Mode Decoder for Quasi-Cyclic LDPC Codes</i> , pp. 600-606.		
Chen, Xiaoheng		Univ. of California - Davis
Huang, Qin		Univ. of California, Davis
Lin, Shu		Univ. of California, Davis
Akella, Venkatesh		Univ. of California - Davis
16:00-16:20		WeD2.2
<i>Adaptive Slepian-Wolf Decoding Using Particle Filtering Based Belief Propagation</i> , pp. 607-612.		
Cheng, Samuel		Univ. of Oklahoma
Wang, Shuang		Univ. of Oklahoma
Cui, Lijuan		Univ. of Oklahoma
16:20-16:40		WeD2.3
<i>A Locally Encodable and Decodable Compressed Data Structure</i> , pp. 613-619.		
Chandar, Venkat		MIT
Shah, Devavrat		MIT
Wornell, Gregory		MIT
16:40-17:00		WeD2.4
<i>LDPC Codes for the Cascaded BSC-BAWGN Channel</i> , pp. 620-627.		
Iyengar, Aravind R.		Univ. of California, San Diego
Siegel, Paul H.		UCSD
Wolf, Jack		UCSD

WeD3	Butternut
Interdisciplinary Approaches to Multi-Agent Decision and Control (Invited Session)	

Chair: Langbort, Cedric		UIUC
Organizer: Langbort, Cedric		UIUC
15:40-16:00		WeD3.1
<i>A Random Time Stochastic Drift Result and Application to Stochastic Stabilization Over Noisy Channels (I)</i> , pp. 628-635.		
Yuksel, Serdar		Queen's Univ.
16:00-16:20		WeD3.2
<i>Approximation Guarantees for Fictitious Play (I)</i> , pp. 636-643.		
Conitzer, Vincent		Duke Univ.
16:20-16:40		WeD3.3
<i>Optimizing the Decision to Expel Attackers from an Information System (I)</i> , pp. 644-651.		
Bao, Ning		Univ. of California, Santa Cruz
Musacchio, John		Univ. of California, Santa Cruz

16:40-17:00		WeD3.4
On the Generalized Witsenhausen Counterexample (I)*		
Sahai, Anant		UC Berkeley
Park, Se Yong		UC Berkeley
Grover, Pulkit		UC Berkeley

WeD4		Pine
Discrete Event Systems (Regular Session)		

Chair: Sreenivas, R. S.		Univ. of Illinois, U-C
15:40-16:00		WeD4.1
Choice-Point Nets: A Discrete-Event Modelling Technique for Analyzing Health Care Protocols , pp. 652-659.		
Whittaker, Sarah-Jane		Queen's Univ.
Rudie, Karen		Queen's Univ.
McLellan, James		Queen's Univ.
Haar, Stefan		INRIA Saclay
16:00-16:20		WeD4.2
Limited Lookahead Supervisory Control of Probabilistic Discrete-Event Systems , pp. 660-667.		
Winacott, Creag		Queen's Univ.
Rudie, Karen		Queen's Univ.
16:20-16:40		WeD4.3
Sequential Window Diagnoser for Discrete-Event Systems under Unreliable Observations , pp. 668-675.		
Lin, Wen-Chiao		Idaho National Lab.
Garcia, Humberto E.		Idaho National Lab.
Thorsley, David		Univ. of Washington
Yoo, Tae-Sic		Idaho National Lab.

WeD5		Lower Level
Information-Theoretic Methods in Biology - Part 2 (Invited Session)		

Chair: Kashyap, Navin		Queen's Univ.
Organizer: Santhanam, Narayana Prasad		UC Berkeley
Organizer: Milenkovic, Olgica		Univ. of Illinois
15:40-16:00		WeD5.1
Controlling Errors in the Process of Molecular Self-Assembly (I) , pp. 676-677.		
Kashyap, Navin		Queen's Univ.
16:00-16:20		WeD5.2
Limits of Performance of Real-Time DNA Microarrays (I) , pp. 678-683.		
Vikalo, Haris		The Univ. of Texas at Austin
Hassibi, Babak		California Inst. of Tech.
16:20-16:40		WeD5.3
How Do the Structure and the Parameters of Gaussian Tree Models Affect Structure Learning? , pp. 684-691.		
Tan, Vincent		MIT
Anandkumar, Animashree		MIT
Willsky, Alan		MIT

WeD6		Visitor Center
Shannon Theory - Part 2 (Regular Session)		

Chair: Wagner, Aaron		Cornell Univ.
15:40-16:00		WeD6.1
Compound Relay Channel with Informed Relay and Destination , pp. 692-699.		
Simeone, Osvaldo		New Jersey Inst. of Tech.
Gunduz, Deniz		Princeton Univ.
Shamai, Shlomo		Tech.

16:00-16:20		WeD6.2
<i>The Universal Capacity of Channels with Given Rate-Distortion in the Absence of Common Randomness</i> , pp. 700-707.		
Agarwal, Mukul		MIT
Kopparty, Swastik		MIT
Mitter, Sanjoy		MIT
16:20-16:40		WeD6.3
<i>Joint Source-Channel with Side Information Coding Error Exponents</i> , pp. 708-715.		
Chang, Cheng		DE Shaw
16:40-17:00		WeD6.4
<i>The Feedback Capacity Region of El Gamal-Costa Deterministic Interference Channel*</i> .		
Suh, Changho	Univ. of California, Berkeley	
Tse, David	UC Berkeley	

ThA1	Library
Wireless Communication/Information Theory II - Part 1 (Invited Session)	

Chair: Zheng, Lizhong		MIT
Organizer: Veeravalli, Venugopal		Univ. of Illinois
Organizer: Viswanath, Pramod		Univ. of Illinois
08:30-08:50		ThA1.1
<i>Towards a Theory of Spectrum Zoning (I)*</i> .		
Sahai, Anant		UC Berkeley
Tandra, Rahul		UC Berkeley
Mishra, Shridhar Mubaraq	Univ. of California Berkeley	
Woyach, Kristen		UC Berkeley
08:50-09:10		ThA1.2
<i>State Information in Bayesian Games (I)*</i> .		
Cuff, Paul		Princeton Univ.
09:10-09:30		ThA1.3
<i>The Lossy One-Helper Conjecture Is False (I)</i> , pp. 716-723.		
Wagner, Aaron		Cornell Univ.
Kelly, Benjamin		Cornell Univ.
Altug, Yucel		Cornell Univ.
09:30-09:50		ThA1.4
<i>Lower-Delay CSMA Via Faster-Mixing MCMC (I)*</i> .		
Sanghavi, Sujay		Univ. of Texas, Austin

ThA2	Solarium
Wireless Communications - Part 1 (Regular Session)	

Chair: Chung, Sae-Young		KAIST
08:30-08:50		ThA2.1
<i>Distributed Function Computation in Asymmetric Communication Scenarios</i> , pp. 724-731.		
Agnihotri, Samar		Indian Inst. of Science
Venkatachalapathy, Rajesh		Portland State Univ.
Jamadagni, H. S.		Indian Inst. of Science
08:50-09:10		ThA2.2
<i>Reaching Consensus in Wireless Networks with Probabilistic Broadcast</i> , pp. 732-739.		
Aysal, Tuncer Can		Pixsta Res.
Sarwate, Anand	Univ. of California, San Diego	
Dimakis, Alex		USC

09:10-09:30		ThA2.3
Minimum Energy Per Bit for Gaussian Broadcast Channels with Common Message and Cooperating Receivers , pp. 740-747.		
Jain, Aman		Princeton Univ.
Kulkarni, Sanjeev		Princeton Univ.
Verdú, Sergio		Princeton
09:30-09:50		ThA2.4
Power Savings from Half-Duplex Relaying in Downlink Cellular Systems , pp. 748-753.		
Raman, Chandrasekharan		WINLAB, Rutgers Univ.
Foschini, Gerard		Bell Lab. Alcatel-Lucent
Valenzuela, Reinaldo		Bell Lab. Alcatel-Lucent
Yates, Roy		Rutgers Univ.
Mandayam, Narayan		WINLAB, Rutgers Univ.
09:50-10:10		ThA2.5
A Note on Information-Theoretic Secret Key Exchange Over Wireless Channels , pp. 754-761.		
Zafer, Murtaza		IBM T. J. Watson Res. Center
Agrawal, Dakshi		IBM T J Watson Res. Center
Srivatsa, Mudhakar		IBM T. J. Watson Res. Center
10:10-10:30		ThA2.6
Efficient Algorithms for Outage Minimization in Parallel Fading Channels with Limited Feedback , pp. 762-770.		
He, Yuan Yuan		Univ. of Melbourne
Dey, Subhrakanti		Univ. of Melbourne

ThA3		Butternut
Dynamic Networks: Efficiency, Optimization and Control - Part 1 (Invited Session)		

Chair: Nedich, Angelia		Univ. of Illinois
Organizer: Nedich, Angelia		Univ. of Illinois
08:30-08:50		ThA3.1
Dynamics in Anonymous Games (I)* .		
Shah, Devavrat		MIT
Shin, Jinwoo		mit
08:50-09:10		ThA3.2
Distributed Strategies for Making a Digraph Weight-Balanced (I) , pp. 771-777.		
Gharesifard, Bahman		Univ. of California San Diego
Cortes, Jorge		Univ. of California San Diego
09:10-09:30		ThA3.3
Communication and Learning in Social Networks (I)* .		
Acemoglu, Daron		MIT
Bimpikis, Kostas		MIT
Ozdaglar, Asu		MIT
09:30-09:50		ThA3.4
Dynamic Budget Allocation Mechanisms for Reservation Based Advertising (I)* .		
Radovanovic, Ana		Google Res.
Zeevi, Assaf		Columbia Univ.
09:50-10:10		ThA3.5
Asymptotic Analysis of Quadratic Error of Consensus in Large-Scale Random Directed Networks (I) , pp. 778-782.		
Preciado, Victor M.		Univ. of Pennsylvania
Tahbaz-Salehi, Alireza		Univ. of Pennsylvania
Jadbabaie, Ali		Univ. of Pennsylvania

ThA4		Pine
New Developments in the Use of Feedback in Communications and Decision-Making Environments - Part 1 (Invited Session)		
Chair: Coleman, Todd		Univ. of Illinois
Organizer: Coleman, Todd		Univ. of Illinois
Organizer: Raginsky, Maxim		Duke Univ.
Organizer: Shayevitz, Ofer		Univ. of California, San Diego
08:30-08:50		ThA4.1
<i>Grassmannian Predictive Coding for Delayed Limited Feedback MIMO Systems (I)</i> , pp. 783-788.		
Inoue, Takao		The Univ. of Texas at Austin
Heath, Robert		The Univ. of Texas at Austin
08:50-09:10		ThA4.2
<i>A Sequential Transmission Scheme for the Multiple Access Channel with Noiseless Feedback (I)</i> , pp. 789-794.		
Anastasopoulos, Achilleas		Univ. of Michigan
09:10-09:30		ThA4.3
<i>Optimal Sequential Transmission Over Broadcast Channels with Nested Feedback (I)</i> , pp. 795-802		
Mahajan, Aditya		Yale Univ.
09:30-09:50		ThA4.4
<i>Making Sequential Decisions under Limited Feedback (I)*</i> .		
Rakhlin, Alexander		Univ. of Pennsylvania
09:50-10:10		ThA4.5
<i>Information Complexity of Black-Box Convex Optimization: A New Look Via Feedback Information Theory (I)</i> , pp. 803-810.		
Raginsky, Maxim		Duke Univ.
Rakhlin, Alexander		Univ. of Pennsylvania
Information Security (Invited Session)		
Chair: Kiyavash, Negar		Univ. of Illinois
Organizer: Kiyavash, Negar		Univ. of Illinois
Organizer: Yener, Aylin		The Pennsylvania State Univ.
08:30-08:50		ThA5.1
<i>Anonymity in Parallel Relay Networks under Partial Observation: Nash Equilibria and Scaling Behaviour (I)*</i> .		
Venkitasubramaniam, Parvathinathan		Lehigh Univ.
Tong, Lang		Cornell Univ.
08:50-09:10		ThA5.2
<i>Interference Channels with Strong Secrecy (I)</i> , pp. 811-818.		
He, Xiang		The Pennsylvania State Univ.
Yener, Aylin		The Pennsylvania State Univ.
09:10-09:30		ThA5.3
<i>A New Achievable Ergodic Secrecy Rate Region for the Fading Multiple Access Wiretap Channel (I)</i> , pp. 819-826.		
Bassily, Raef		Univ. of Maryland
Ulukus, Sennur		Univ. of Maryland
09:30-09:50		ThA5.4
<i>Secure Function Evaluation Based on Secret Sharing and Homomorphic Encryption (I)</i> , pp. 827-834.		
Rane, Shantanu		Mitsubishi Electric Res. Lab.
Sun, Wei		Mitsubishi Electric Res. Lab.
Vetro, Anthony		Mitsubishi Electric Res. Lab.

09:50-10:10 ThA5.5
Joint Compression and Protection (I), pp. 835-842.
 Almeida, João FEUP - Univ. of Porto
 Barros, Joao FEUP - Univ. of Porto

ThA6 Visitor Center
Wireless Network Capacity - Part 1 (Invited Session)

Chair: Andrews, Jeffrey The Univ. of Texas at Austin
 Organizer: Kumar, P. R. Univ. of Illinois
 Organizer: Andrews, Jeffrey The Univ. of Texas at Austin

08:50-09:10 ThA6.2

Interference Alignment at Finite SNR: General Message Sets (I), pp. 843-848.
 Nazer, Bobak Univ. of Wisconsin, Madison
 Gastpar, Michael Univ. of California, Berkeley
 Vishwanath, Sriram Univ. of Texas at Austin
 Jafar, Syed Univ. of California Irvine

09:10-09:30 ThA6.3

A Simple Upper Bound on Random Access Transport Capacity (I), pp. 849-856.
 Andrews, Jeffrey The Univ. of Texas at Austin
 Weber, Steven Drexel Univ. Dept. of Ec.
 Kountouris, Marios SUPELEC
 Haenggi, Martin Univ. of Notre Dame

09:30-09:50 ThA6.4

Distributed Analog Coding of Correlated Gaussian Sources (I), pp. 857-864.
 Esnaola, Inaki Univ. of Delaware
 Garcia-Frias, Javier Univ. of Delaware

ThB1 Library
Wireless Communication/Information Theory II - Part 2 (Invited Session)

Chair: Zheng, Lizhong MIT
 Organizer: Veeravalli, Venugopal Univ. of Illinois
 Organizer: Viswanath, Pramod Univ. of Illinois

10:40-11:00 ThB1.1

Degree-Of-Freedom Gain from Using Polarimetric Antenna Elements (I)*.
 Poon, Ada Stanford Univ.
 Tse, David UC Berkeley

11:00-11:20 ThB1.2

Upper Bounds to Error Probability with Feedback (I), pp. 865-871.
 Nakiboglu, Baris MIT
 Zheng, Lizhong MIT

11:20-11:40 ThB1.3

On the Sum Capacity of the Gaussian Multiple Access Channel with Feedback (I), pp. 872-878.
 Ardestanizadeh, Ehsan UCSD
 Javidi, Tara Univ. of California, San Diego
 Kim, Young-Han UCSD
 Wigger, Michčle UCSD

ThB2 Solarium
Wireless Communications - Part 2 (Regular Session)

Chair: Dai, Wei Univ. of Illinois at U-C

10:40-11:00 ThB2.1

On the Endogenous Formation of Energy Efficient Cooperative Wireless Networks, pp. 879-886.
 Fazel, Fatemeh Worcester Pol. Inst.
 Brown III, D. Richard Worcester Pol. Inst.

11:00-11:20		ThB2.2
<i>On Capacity of Deterministic Wireless Networks under Node Half-Duplexity Constraint</i> , pp. 887-891.		
Khojastepour, Mohammad		NEC Lab. America
Keshavarz-Haddad, Alireza		Shiraz Univ.
11:20-11:40		ThB2.3
<i>Asymptotic Capacity of Randomly-Failing Relay Networks with DF Strategy</i> , pp. 892-898.		
Huang, Chuan		Texas A&M Univ.
Jiang, Jinhua		Stanford Univ.
Cui, Shuguang		Texas A&M Univ.
11:40-12:00		ThB2.4
<i>Diversity-Multiplexing Tradeoff of Network Coding with Bidirectional Random Relaying</i> , pp. 899-905.		
Liu, Chun-Hung		The Univ. of Texas at Austin
Andrews, Jeffrey G.		The Univ. of Texas at Austin

ThB3		Butternut
Dynamic Networks: Efficiency, Optimization and Control - Part 2 (Invited Session)		

Chair: Nedich, Angelia		Univ. of Illinois
Organizer: Nedich, Angelia		Univ. of Illinois
10:40-11:00		ThB3.1
<i>Distributed Event-Triggered Control Strategies for Multi-Agent Systems (I)</i> , pp. 906-910.		
Dimarogonas, Dimos V.		Massachusetts Inst. of Tech.
Frazzoli, Emilio		Massachusetts Inst. of Tech.
11:00-11:20		ThB3.2
<i>Secure Control against Replay Attack</i> , pp. 911-918.		
Mo, Yilin		Carnegie Mellon Univ.
Sinopoli, Bruno		Carnegie Mellon Univ.
11:20-11:40		ThB3.3
<i>On the Large-Deviations Optimality of Scheduling Policies Minimizing the Drift of a Lyapunov Function</i> , pp. 919-926.		
Lin, Xiaojun		Purdue Univ.
Venkataramanan, V.J.		Purdue Univ.
11:40-12:00		ThB3.4
<i>Concurrency Control Generation for Dynamic Threads Using Discrete-Event Systems</i> , pp. 927-934.		
Auer, Anthony		Queen's Univ.
Dingel, Juergen		Queen's Univ.
Rudie, Karen		Queen's Univ.

ThB4		Pine
New Developments in the Use of Feedback in Communications and Decision-Making Environments - Part 2 (Invited Session)		

Chair: Coleman, Todd		Univ. of Illinois
Organizer: Coleman, Todd		Univ. of Illinois
Organizer: Raginsky, Maxim		Duke Univ.
Organizer: Shayevitz, Ofer		Univ. of California, San Diego
10:40-11:00		ThB4.1
<i>Posterior Matching Variants and Fixed-Point Elimination (I)</i> , pp. 935-939.		
Shayevitz, Ofer		Univ. of California, San Diego
11:00-11:20		ThB4.2
<i>Loss of Continuity in Cellular Networks under Stabilizing Transmit Power Control</i> , pp. 940-946.		
Kulkarni, Vishwesh		Indian Inst. of Tech. Bombay
Fromion, Vincent		INRA
Alpcan, Tansu		Berlin Tech. Univ.
Safonov, Michael		Univ. of Southern California

11:20-11:40		ThB4.3
<i>Optimal Feedback Allocation Algorithms for Multi-User Uplink</i> , pp. 947-954.		
Ganapathy, Harish		The Univ. of Texas at Austin
Banerjee, Siddhartha		The Univ. of Texas at Austin
Dimitrov, Nedialko		The Univ. of Texas at Austin
Caramanis, Constantine		The Univ. of Texas at Austin
11:40-12:00		ThB4.4
<i>Capacity Region of the State Dependent Degraded Broadcast Channel with Noncausal CSI</i> , pp. 955-961.		
Tyagi, Himanshu		Univ. of Maryland, Coll. Park

ThB5	Lower Level
Dynamic Clustering and Coverage Algorithms (Invited Session)	

Chair: Beck, Carolyn		Univ. of Illinois
Organizer: Salapaka, Srinivasa M.		Univ. of Illinois at U-C
Organizer: Beck, Carolyn		Univ. of Illinois
10:40-11:00		ThB5.1
<i>Sparse and Low-Rank Matrix Decompositions (I)</i> , pp. 962-967.		
Chandrasekaran, Venkat		xxx
Sanghavi, Sujay		Univ. of Texas, Austin
Parrilo, Pablo A.		Massachusetts Inst. of Tech.
Willsky, Alan		MIT
11:00-11:20		ThB5.2
<i>Dynamic Self-Organization and Clustering in Distributed Networked Systems for Performance Improvement (I)</i> , pp. 968-975.		
Baras, John		Univ. of Maryland
Hovareshti, Pedram		Univ. of Maryland Coll. Park
Perumal, Senni		AIMS, Inc.

11:20-11:40		ThB5.3
<i>An Entropy-Based Framework for Dynamic Clustering and Coverage Problems (I)</i> , pp. 976-983.		
Sharma, Puneet		Siemens Corp. Res.
11:40-12:00		ThB5.4
<i>Game-Theoretic Learning Algorithm for a Spatial Coverage Problem (I)</i> , pp. 984-990.		
Savla, Ketan		Massachusetts Inst. of Tech.
Frazzoli, Emilio		Massachusetts Inst. of Tech.

ThB6	Visitor Center
Wireless Network Capacity - Part 2 (Invited Session)	

Chair: Andrews, Jeffrey		The Univ. of Texas at Austin
Organizer: Kumar, P. R.		Univ. of Illinois
Organizer: Andrews, Jeffrey		The Univ. of Texas at Austin
10:40-11:00		ThB6.1
<i>On Robust Communication Over Relay Networks (I)*</i> .		
Diggavi, Suhas		EPFL
11:00-11:20		ThB6.2
<i>Interference Alignment with Asymmetric Complex Signaling (I)</i> , pp. 991-996.		
Jafar, Syed		Univ. of California Irvine
Cadambe, Viveck		UCI
Wang, Chenwei		Univ. of California, Irvine
11:20-11:40		ThB6.3
<i>Beyond Network Equivalence (I)</i> , pp. 997-1004.		
Kötter, Ralf		Tech. Univ. München
Effros, Michelle		California Inst. of Tech.
Médard, Muriel		MIT

11:40-12:00		ThB6.4
Medium Access Algorithm: Are We There Yet? (I)*.		
Shah, Devavrat		MIT
Shin, Jinwoo		mit

ThC1		Library
Compressed Sensing and Low-Rank Matrix Completion Problems - Part 1 (Invited Session)		

Chair: Bresler, Yoram		Univ. of Illinois
Organizer: Milenkovic, Olgica		Univ. of Illinois
Organizer: Bresler, Yoram		Univ. of Illinois

13:30-13:50		ThC1.1
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Uniqueness of Low-Rank Matrix Completion by Rigidity Theory (I)*.

Singer, Amit		Princeton Univ.
Cucuringu, Mihai		Princeton Univ.

13:50-14:10		ThC1.2
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A Restricted Isometry Property for Structurally-Subsampled Unitary Matrices (I), pp. 1005-1012.

Bajwa, Waheed U.		Princeton Univ.
Sayeed, Akbar		Univ. of Wisconsin-Madison
Nowak, Robert		Univ. of Wisconsin, Madison

14:10-14:30		ThC1.3
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Solving Low-Rank Matrix Completion Problems Efficiently (I), pp. 1013-1020.

Goldfarb, Donald		Columbia Univ.
Ma, Shiqian		Columbia Univ.
Wen, Zaiwen		Columbia Univ.

14:30-14:50		ThC1.4
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Random Channel Coding and Blind Deconvolution (I), pp. 1021-1025.

Asif, M. Salman		Georgia Tech.
Mantzel, William		Georgia Tech.
Romberg, Justin		Georgia Tech.

14:50-15:10		ThC1.5
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Breaking the L-1 Recovery Thresholds with Reweighted L₁ Optimization (I), pp. 1026-1030.

Hassibi, Babak		California Inst. of Tech.
Khajehnejad, Amin		California Inst. of Tech.
Xu, Weiyu		California Inst. of Tech.
Avestimehr, Salman		Cornell Univ.

ThC2		Solarium
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Coding Theory II - Part 1 (Regular Session)

Chair: Dimakis, Alex		USC
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13:30-13:50		ThC2.1
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Data Movement in Flash Memories, pp. 1031-1038.

Jiang, Anxiao		Texas A M Univ.
Langberg, Michael		The Open Univ. of Israel
Mateescu, Robert		Caltech
Bruck, Jehoshua		Caltech

13:50-14:10		ThC2.2
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Modulation Codes for Flash Memory Based on Load Balancing Theory, pp. 1039-1046.

Zhang, Fan		Texas A&M Univ.
Pfister, Henry		Texas A&M Univ.

14:10-14:30		ThC2.3
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Novel Burst Error Correcting Algorithms for Reed-Solomon Codes, pp. 1047-1052.

Wu, Yingquan		Link-A-Media Devices Corp.
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14:30-14:50		ThC2.4
<i>Violating the Ingleton Inequality with Finite Groups</i> , pp. 1053-1060.		
Mao, Wei	California Inst. of Tech.	
Hassibi, Babak	California Inst. of Tech.	
14:50-15:10		ThC2.5
<i>Searching for Minimum Storage Regenerating Codes*</i> .		
Cullina, Daniel	California Inst. of Tech.	
Dimakis, Alex	USC	
Ho, Tracey	California Inst. of Tech.	

ThC3	Butternut
Security - Part 1 (Regular Session)	

Chair: Liu, Tie	Texas A&M Univ.
13:30-13:50	ThC3.1
<i>Secure Source Coding with a Helper</i> , pp. 1061-1068.	
Tandon, Ravi	Univ. of Maryland, Coll. Park
Ulukus, Sennur	Univ. of Maryland
Ramchandran, Kannan	UC Berkeley
13:50-14:10	ThC3.2
<i>Arbitrary Jamming Can Preclude Secure Communication</i> , pp. 1069-1075.	
MolavianJazi, Ebrahim	Univ. of Notre Dame
Bloch, Matthieu	Georgia Inst. of Tech.
Laneman, J. Nicholas	Univ. of Notre Dame
14:10-14:30	ThC3.3
<i>Secure Relaying: Can Publicly Transferred Keys Increase Degrees of Freedom?</i> , pp. 1076-1081.	
Kim, Tung T.	Princeton Univ.
Poor, H. Vincent	Princeton Univ.
14:30-14:50	ThC3.4
<i>Maximum Throughput of Clandestine Relay</i> , pp. 1082-1089.	
He, Ting	IBM T. J. Watson Res. Center
Tong, Lang	Cornell Univ.
Swami, Ananthram	Army Res. Lab.
14:50-15:10	ThC3.5
<i>On Physically Secure and Stable Slotted ALOHA System</i> , pp. 1090-1096.	
Sarikaya, Yunus	Sabanci Univ. Istanbul, Turkey
Ercetin, Ozgur	Sabanci Univ.

ThC4	Pine
Network Scheduling (Regular Session)	

Chair: Ni, Jian	Univ. of Illinois at Urbana-Champaign
13:30-13:50	ThC4.1
<i>Throughput Optimality of Delay-Driven MaxWeight Scheduler for a Wireless System with Flow Dynamics</i> , pp. 1097-1102.	
Sadiq, Bilal	The Univ. of Texas at Austin
de Veciana, Gustavo	The Univ. of Texas at Austin
13:50-14:10	ThC4.2
<i>The Impact of Queue Length Information on Buffer Overflow in Parallel Queues</i> , pp. 1103-1110.	
Jagannathan, Krishna	Massachusetts Inst. of Tech.
Modiano, Eytan	MIT
14:10-14:30	ThC4.3
<i>Stable and Utility-Maximizing Scheduling for Stochastic Processing Networks</i> , pp. 1111-1119.	
Jiang, Libin	Univ. of California, Berkeley
Walrand, Jean	Univ. of California, Berkeley

14:30-14:50 ThC4.4
Almost Budget-Balanced Mechanisms for Allocation of Divisible Resources, pp. 1120-1125.
 Chorppath, Anil Kumar Indian Inst. of Tech. Madras
 Bhashyam, Srikrishna Indian Inst. of Tech. Madras
 Sundaresan, Rajesh Indian Inst. of Science Bangalore

14:50-15:10 ThC4.5
A Flexible Framework for Polynomial-Time Resource Allocation in Multiflow Wireless Networks, pp. 1126-1133.
 Middleton, Gareth Rice Univ.
 Aazhang, Behnaam Rice Univ.
 Lilleberg, Jorma Nokia

ThC5 Lower Level
MIMO Wireless Communication - Part 1 (Regular Session)

Chair: Gursoy, Mustafa Cenk Univ. of Nebraska-Lincoln
 13:30-13:50 ThC5.1
Utility of Beamforming Strategies for Secrecy in Multiuser MIMO Wiretap Channels, pp. 1134-1141.
 Mukherjee, Amitav Univ. of California Irvine
 Swindlehurst, A. Lee Univ. of California Irvine

13:50-14:10 ThC5.2
Limits on the Robustness of MIMO Joint Source-Channel Codes, pp. 1142-1144.
 Taherzadeh, Mahmoud Princeton Univ.
 Poor, H. Vincent Princeton Univ.

14:10-14:30 ThC5.3
Multiclass Support Vector Machines for Adaptation in MIMO-OFDM Wireless Systems, pp. 1145-1152.
 Yun, Sungho Univ. of Texas at Austin
 Caramanis, Constantine The Univ. of Texas at Austin

14:30-14:50 ThC5.4
MIMO Wireless Communications under Statistical Queueing Constraints, pp. 1153-1160.
 Gursoy, Mustafa Cenk Univ. of Nebraska-Lincoln

14:50-15:10 ThC5.5
Interference Suppression in the Presence of Quantization Errors, pp. 1161-1168.
 Bakr, Omar UC Berkeley
 Johnson, Mark UC Berkeley
 Mudumbai, Raghuraman Univ. of Iowa
 Madhow, Upamanyu Univ. of California, Santa Barbara

ThC6 Visitor Center
Games - Part 1 (Regular Session)

Chair: Liu, Mingyan Univ. of Michigan
 13:30-13:50 ThC6.1
Codes against Online Adversaries, pp. 1169-1176.
 Dey, Bikash Kumar Indian Inst. of Tech. Bombay
 Jaggi, Sidharth Chinese Univ. of Hong Kong
 Langberg, Michael The Open Univ. of Israel

13:50-14:10 ThC6.2
Minimal Error Certificates for Detection of Faulty Sensors Using Convex Optimization, pp. 1177-1186.
 Claudel, Christian Univ. of California at Berkeley
 Nahoum, Matthieu Univ. of California at Berkeley
 Bayen, Alexandre Univ. of California at Berkeley

14:10-14:30 ThC6.3
A Power Control Game with Smooth Reduction of SINR Objectives, pp. 1187-1194.
 Ozel, Omur Univ. of Maryland Coll. Park
 Uysal-Biyikoglu, Elif METU- ODTU

14:30-14:50		ThC6.4
<i>Interference Networks with Local View: A Distributed Optimization Approach</i> , pp. 1195-1202.		
Xiao, Jun		Univ. of Colorado at Boulder
Aggarwal, Vaneet		Princeton Univ.
Sabharwal, Ashutosh		Rice Univ.
Liu, Youjian		Univ. of Colorado at Boulder
14:50-15:10		ThC6.5
<i>Competition of Wireless Providers for Atomic Users: Equilibrium and Social Optimality</i> , pp. 1203-1210.		
Gajic, Vojislav		EPFL
Huang, Jianwei		Chinese Univ. of Hong Kong
Rimoldi, Bixio		EPFL

ThD1	Library
Compressed Sensing and Low-Rank Matrix Completion Problems - Part 2 (Invited Session)	

Chair: Dai, Wei	Univ. of Illinois at U-C
Organizer: Milenkovic, Olgica	Univ. of Illinois
Organizer: Bresler, Yoram	Univ. of Illinois

15:40-16:00		ThD1.1
<i>Enhanced CDMA Communications Using Compressed-Sensing Reconstruction Methods (I)</i> , pp. 1211-1215.		
Aggarwal, Vaneet		Princeton Univ.
Applebaum, Lorne		Princeton Univ.
Bennatan, Amir		Princeton Univ.
Calderbank, A. Robert		Princeton Univ.
Howard, Stephen		DSTO
Searle, Stephen Jacob		Univ. of Melbourne

16:00-16:20		ThD1.2
<i>Low-Rank Matrix Completion with Noisy Observations: A Quantitative Comparison (I)</i> , pp. 1216-1222.		
Montanari, Andrea		Stanford Univ.
Keshavan, Raghunandan		Stanford Univ.
Oh, Sewoong		Stanford Univ.

16:20-16:40		ThD1.3
<i>Accurate Low-Rank Matrix Recovery from a Small Number of Linear Measurements (I)</i> , pp. 1223-1230.		
Candès, Emmanuel		Caltech
Plan, Yaniv		Caltech

16:40-17:00		ThD1.4
<i>Expander Codes Over Reals, Euclidean Sections, and Compressed Sensing (I)</i> , pp. 1231-1234.		
Guruswami, Venkatesan		Carnegie Mellon Univ.
Lee, James		Univ. of Washington
Wigderson, Avi		Inst. for Advanced Study

ThD2	Solarium
Coding Theory II - Part 2 (Regular Session)	

Chair: Sharma, Vinod	Indian Inst. of Science
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15:40-16:00		ThD2.1
<i>A Rate-Distortion Perspective on Multiple Decoding Attempts for Reed-Solomon Codes</i> , pp. 1235-1242.		
Nguyen, Phong		Texas A&M Univ.
Pfister, Henry		Texas A&M Univ.
Narayanan, Krishna		Texas A&M Univ.

16:00-16:20		ThD2.2
<i>Explicit Construction of Optimal Exact Regenerating Codes for Distributed Storage</i> , pp. 1243-1249.		
Rashmi, K. V.		Indian Inst. of Science
B. Shah, Nihar		Indian Inst. of Science
Kumar, P. Vijay		Indian Inst. of Science
Ramchandran, Kannan		UC Berkeley

16:20-16:40		ThD2.3
<i>Distortion Exponent for Multiple Description Coding</i> , pp. 1250-1255.		
Zhao, Songqing		Univ. of Illinois at Chicago
Tuninetti, Daniela		Univ. of Illinois at Chicago
Ansari, Rashid		Univ. of Illinois at Chicago
Schonfeld, Dan		Univ. of Illinois at Chicago
16:40-17:00		ThD2.4
<i>Multiple Description Coding of Discrete Ergodic Sources</i> , pp. 1256-1261.		
Jalali, Shirin		Stanford
Weissman, Tsachy		Stanford
17:00-17:20		ThD2.5
<i>Highly Parallel Decoding of Space-Time Codes on a Graphics Processing Unit (I)</i> , pp. 1262-1269.		
Bollapalli, Kalyana C		Texas A&M Univ.
Wu, Yiyue		Princeton Univ.
Gulati, Kanupriya		Texas A&M Univ.
Khatri, Sunil		Texas A&M Univ.
Calderbank, A. Robert		Princeton

ThD3		Butternut
Security - Part 2 (Regular Session)		

Chair: Liu, Tie		Texas A&M Univ.
15:40-16:00		ThD3.1
<i>A Detection Theoretic Approach to Digital Fingerprinting with Focused Receivers under Uniform Linear Averaging Gaussian Attacks</i> , pp. 1270-1277.		
Dalkilic, Ozgur		Bogazici Univ.
Ekrem, Ersen		Univ. of Maryland
Varlik, Eray		Bogazici Univ.
Mihcak, Kivanc		Bogazici Univ.
16:00-16:20		ThD3.2
<i>Computation of Information Hiding Capacity and Achievable Covert and Attack Channels*</i> .		
Mathews, Aswin John		Washington Univ. in St Louis
O'Sullivan, Joseph A.		Washington Univ. in St Louis
16:20-16:40		ThD3.3
<i>Secrecy Capacity Region of the Degraded Compound Multi-Receiver Wiretap Channel</i> , pp. 1278-1285.		
Ekrem, Ersen		Univ. of Maryland
Ulukus, Sennur		Univ. of Maryland
16:40-17:00		ThD3.4
<i>On the Relationship between the Multi-Antenna Secrecy Communications and Cognitive Radio Communications</i> , pp. 1286-1292.		
Zhang, Lan		National Univ. of Singapore
Zhang, Rui		Institute for Infocomm Res.
Liang, Ying-Chang		Inst. of Infocomm Res.
Xin, Yan		NUS (National Univ. of Singapore)
Cui, Shuguang		Texas A&M Univ.

ThD4		Pine
Network Analysis (Regular Session)		

Chair: Ni, Jian		Univ. of Illinois at Urbana-Champaign
16:00-16:20		ThD4.2
<i>Spectral Analysis of Dynamically Evolving Networks with Linear Preferential Attachment</i> , pp. 1293-1299.		
Preciado, Victor M.		Univ. of Pennsylvania
Jadbabaie, Ali		Univ. of Pennsylvania

16:20-16:40		ThD4.3
Bursty Fluid Approximation of TCP for Modeling Internet Congestion at the Flow Level , pp. 1300-1306.		
Genin, Daniel		NIST
Marbukh, Vladimir		NIST
16:40-17:00		ThD4.4
TCP with Feed-Forward Source Coding for Wireless Downlink Networks , pp. 1307-1314.		
Ryu, Jung	The Univ. of Texas at Austin	
Bhadra, Sandeep	Texas Inst.	
Shakkottai, Sanjay	The Univ. of Texas at Austin	
17:00-17:20		ThD4.5
Performance Analysis of MAC Protocols in Wireless Line Networks Using Statistical Mechanics , pp. 1315-1322.		
Hui, Ka Hung	Northwestern Univ.	
Guo, Dongning	Northwestern Univ.	
Berry, Randall	Northwestern Univ.	
Haenggi, Martin	Univ. of Notre Dame	

ThD5	Lower Level
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MIMO Wireless Communication - Part 2 (Regular Session)

Chair: Gursoy, Mustafa Cenk	Univ. of Nebraska-Lincoln
15:40-16:00	ThD5.1
Efficient Linear Precoding in Downlink Cooperative Cellular Networks with Soft Interference Nulling , pp. 1323-1329.	
Ng, Chris	Bell Lab. Alcatel-Lucent
Huang, Howard	Bell Lab. Alcatel-Lucent
16:00-16:20	ThD5.2
Rotational Coding Achieves Multicast Capacity of Deterministic Wireless Networks , pp. 1330-1337.	
Khojastepour, Mohammad	NEC Lab. America
Keshavarz-Haddad, Alireza	Shiraz Univ.
16:20-16:40	ThD5.3
Isotropic MIMO Interference Channels without CSIT: The Loss of Degrees of Freedom , pp. 1338-1344.	
Zhu, Yan	Northwestern Univ.
Guo, Dongning	Northwestern Univ.
16:40-17:00	ThD5.4
Distributed MIMO Network Optimization Based on Duality and Local Message Passing , pp. 1345-1352.	
Liu, An	Peking Univ.
Sabharwal, Ashutosh	Rice Univ.
Liu, Youjian	Univ. of Colorado at Boulder
Xiang, Haige	Peking Univ.
Luo, Wu	Peking Univ.

ThD6	Visitor Center
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Games - Part 2 (Regular Session)

Chair: Liu, Mingyan	Univ. of Michigan
15:40-16:00	ThD6.1
Economics of Malware: Epidemic Risks Model, Network Externalities and Incentives , pp. 1353-1360.	
Lelarge, Marc	INRIA - ENS
16:00-16:20	ThD6.2
Multi-Channel Opportunistic Access: A Case of Restless Bandits with Multiple Plays , pp. 1361-1368.	
Ahmad, Sahand Haji Ali	Univ. of Michigan
Liu, Mingyan	Univ. of Michigan

16:20-16:40		ThD6.3
<i>Supermodular Network Games</i> , pp. 1369-1376.		
Manshadi, Vahideh		Stanford Univ.
Johari, Ramesh		Stanford Univ.
16:40-17:00		ThD6.4
<i>An Individually Rational, Budget-Balanced Mechanism That Implements in Nash Equilibria the Solution of the Uicast Service Provisioning Problem</i> , pp. 1377-1386.		
Kakhbod, Ali		Univ. of Michigan, Ann Arbor
Teneketzis, Demos		Univ. of Michigan
FrPP		Library
Plenary Speaker (Invited Session)		
Chair: Viswanath, Pramod		Univ. of Illinois
08:30-09:30		FrPP.1
<i>Lectures on Network Information Theory*</i> .		
El Gamal, Abbas		Stanford Univ.
FrA1		Library
Topics in Coding Theory (Invited Session)		
Chair: Javidi, Tara		Univ. of California, San Diego
Organizer: Milenkovic, Olgica		Univ. of Illinois
10:00-10:20		FrA1.1
<i>Network Error Correction with Unequal Link Capacities (I)</i> , pp. 1387-1394.		
Kim, Sukwon		California Inst. of Tech.
Ho, Tracey		California Inst. of Tech.
Effros, Michelle		California Inst. of Tech.
Avestimehr, Salman		Cornell Univ.
10:20-10:40		FrA1.2
<i>A General Class of Throughput Optimal Routing Policies in Multi-Hop Wireless Networks (I)</i> , pp. 1395-1402.		
Naghshvar, Mohammad		Univ. of California, San Diego
Zhuang, Hairuo		Univ. of California, San Diego
Javidi, Tara		Univ. of California, San Diego
10:40-11:00		FrA1.3
<i>Sharing Information in Time-Division Duplexing Channels: A Network Coding Approach (I)</i> , pp. 1403-1410.		
Lucani, Daniel Enrique		MIT
Médard, Muriel		MIT
Stojanovic, Milica		Northeastern Univ.
Karger, David R.		MIT
11:00-11:20		FrA1.4
<i>On the Capacity of the Symbol-Asynchronous Relay Channel (I)</i> , pp. 1411-1418.		
Choudhuri, Chiranjib		Univ. of Southern California
Mitra, Urbashi		Univ. of Southern California
11:20-11:40		FrA1.5
<i>Rateless Codes for Single-Server Streaming to Diverse Users (I)</i> , pp. 1419-1426.		
Li, Yao		Rutgers
Soljanin, Emina		Bell Lab.
11:40-12:00		FrA1.6
<i>Connections between Probability Estimation and Graph Theory (I)</i> , pp. 1427-1429.		
Santhanam, Narayana Prasad		Univ. of Hawaii

FrA2	Solarium
Distributed Algorithms for Wireless/Mobile Systems (Invited Session)	
Chair: Vaidya, Nitin	Univ. of Illinois
Organizer: Vaidya, Nitin	Univ. of Illinois
10:00-10:20	FrA2.1
<i>Impact of Region-Based Faults on the Connectivity of Wireless Networks (I)</i> , pp. 1430-1437.	
Sen, Arunabha	Arizona State Univ.
Banerjee, Sujogya	Arizona State Univ.
Ghosh, Pavel	Arizona State Univ.
Shirazipourazad, Shahrzad	Arizona State Univ.
10:20-10:40	FrA2.2
<i>Swarming Secrets (I)</i> , pp. 1438-1445.	
Dolev, Shlomi	Ben-Gurion Univ.
Garay, Juan	AT&T
Gilboa, Niv	Ben-Gurion Univ.
Kolesnikov, Vladimir	Alcatel-Lucent
10:40-11:00	FrA2.3
<i>Replication Schemes for Opportunistic Networks with Impatient Users (I)</i> , pp. 1446-1451.	
Chaintreau, Augustin	Thomson
Reich, Joshua	Columbia U.
11:00-11:20	FrA2.4
<i>Data Aggregation in Sensor Networks: No More a Slave to Routing (I)</i> , pp. 1452-1459.	
Prakash, Ravi	Univ. of Texas at Dallas
Nourbakhsh, Ehsan	Univ. of Texas at Dallas
Sahu, Kunal	Univ. of Texas at Dallas
11:20-11:40	FrA2.5
<i>A Neighbor Discovery Service Using an Abstract MAC Layer (I)</i> , pp. 1460-1467.	
Cornejo, Alejandro	MIT
Lynch, Nancy	MIT
Viqar, Saira	Texas A&M Univ.
Welch, Jennifer	Texas A&M Univ.
FrA3	Butternut
Signal Detection (Regular Session)	
Chair: Atia, George	Boston Univ.
10:00-10:20	FrA3.1
<i>Robust Detection of Random Variables Using Sparse Measurements</i> , pp. 1468-1475.	
Narayanaswamy, Balakrishnan	Carnegie Mellon Univ.
Negi, Rohit	Carnegie Mellon Univ.
Khosla, Pradeep	Carnegie Mellon Univ.
10:20-10:40	FrA3.2
<i>Quickest Change Detection in Multiple On-Off Processes: Switching with Memory</i> , pp. 1476-1481.	
Ye, Jia	Univ. of California at Davis
Zhao, Qing	Univ. of California at Davis
11:00-11:20	FrA3.4
<i>Outlier Detection Via Localized P-Value Estimation</i> , pp. 1482-1489.	
Saligrama, Venkatesh	Boston Univ.
Zhao, Manqi	Boston Univ.
11:20-11:40	FrA3.5
<i>Target Detection in MIMO Radar Using Golay Complementary Sequences in the Presence of Doppler</i> , pp. 1490-1493.	
Qureshi, Tariq	Purdue Univ.
Zoltowski, Michael D.	Purdue Univ.
Calderbank, A. Robert	Princeton

11:40-12:00 FrA3.6
On Detection with Partial Information in the Gaussian Setup, pp. 1494-1501.
 Ozyesil, Onur Princeton Univ.
 Mihcak, Kivanc Bogazici Univ.
 Altug, Yucel Cornell Univ.

FrA4 Pine
Multiterminal Source Coding (Invited Session)

Chair: Jana, Soumya UIUC
 Organizer: Jana, Soumya UIUC
 Organizer: Blahut, Richard Univ. of Illinois

10:00-10:20 FrA4.1

Interactive Encoding and Decoding Based on Syndrome Accumulation Over Binary LDPC Ensembles: Universality and Rate-Adaptivity (I), pp. 1502-1509.

Meng, Jin Univ. of Waterloo
 Yang, En-hui Univ. of Waterloo

10:20-10:40 FrA4.2

Infinite-Message Distributed Source Coding for Two-Terminal Interactive Computing (I), pp. 1510-1517.

Ma, Nan Boston Univ.
 Ishwar, Prakash Boston Univ.

10:40-11:00 FrA4.3

LDGM-Based Codes for Successive Refinement (I), pp. 1518-1524.

Zhang, Ying McMaster Univ.
 Dumitrescu, Sorina McMaster Univ.
 Chen, Jun McMaster Univ.
 Sun, Zhibin McMaster Univ.

11:00-11:20 FrA4.4

Distributed Transmission of Functions of Correlated Sources Over a Fading Multiple Access Channel (I), pp. 1525-1532.

Ramachandran, Rajesh Indian Inst. of Science
 Sharma, Vinod Indian Inst. of Science

11:20-11:40 FrA4.5

Towards Computation of Berger-Tung Bounds for Lossy Distributed Source Coding (I)*.

O'Sullivan, Joseph A. Washington Univ. in St Louis

11:40-12:00 FrA4.6

Lossless Reduced-Cutset Coding of Markov Random Fields (I)*.

Reyes, Matthew G. Univ. of Michigan
 Neuhoff, David Univ. of Michigan

FrA5 Lower Level
Fading Channel (Regular Session)

Chair: Prabhakaran, Vinod Univ. of Illinois

10:00-10:20 FrA5.1

Scalar Dirty-Tape Capacity Is Less Than $\log_2(1+\text{snr}/\exp(1))$ *.

Kesal, Mustafa None

10:20-10:40 FrA5.2

Asymptotically Optimal Policies for Hard-Deadline Scheduling Over Fading Channels, pp. 1533-1540.

Lee, Juyul Univ. of Minnesota
 Jindal, Nihar Univ. of Minnesota

10:40-11:00		FrA5.3
<i>Information Rates of the Noncoherent Frequency Selective Fading Channel</i> , pp. 1541-1548.		
Huang, Jing		Univ. of Notre Dame
Venkatraman, Sundeep		Univ. of Notre Dame
Padmanabhan, Krishnan		Univ. of Notre Dame
Collins, Oliver		Univ. of Notre Dame
11:00-11:20		FrA5.4
<i>A Training Based Scheme for Communicating Over Unknown Channels with Feedback</i> , pp. 1549-1553.		
Mahajan, Aditya		Yale Univ.
Tatikonda, Sekhar		Yale Univ.
11:20-11:40		FrA5.5
<i>The Sum-Rate Bound for a New Class of Quadratic Gaussian Multiterminal Source Coding Problems (I)</i> , pp. 1554-1561.		
Yang, Yang		Texas A&M Univ.
Xiong, Zixiang		Texas A&M Univ.

FrA6	Visitor Center
Distributed Control (Regular Session)	

Chair: Sahai, Anant		UC Berkeley
10:00-10:20		FrA6.1
<i>Scaling Limits for Continuous Opinion Dynamics Systems</i> , pp. 1562-1566.		
Como, Giacomo		Massachusetts Inst. of Tech.
Fagnani, Fabio		Pol. di Torino
10:20-10:40		FrA6.2
<i>On the Existence of Triangles in Random Key Graphs</i> , pp. 1567-1574.		
Yagan, Osman		Univ. of Maryland
Makowski, Armand M.		Univ. of Maryland
10:40-11:00		FrA6.3
<i>Distributed Agreement in the Presence of Noise</i> , pp. 1575-1581.		
Wang, Jing		Iowa State Univ.
Elia, Nicola		Iowa State Univ.
11:00-11:20		FrA6.4
<i>Distributed Anonymous Function Computation in Information Fusion and Multiagent Systems</i> , pp. 1582-1589.		
Hendrickx, Julien		MIT
Olshevsky, Alexander		MIT
Tsitsiklis, John		Massachusetts Inst. of Tech.
11:20-11:40		FrA6.5
<i>Graph Covers and Quadratic Minimization</i> , pp. 1590-1596.		
Ruozzi, Nicholas		Yale Univ.
Thaler, Justin		Harvard Univ.
Tatikonda, Sekhar		Yale Univ.
11:40-12:00		FrA6.6
<i>Cost Sharing with Network Coding in Two-Way Relay Networks</i> , pp. 1597-1604.		
Ciftcioglu, Ertugrul Necdet		The Pennsylvania State Univ.
Sagduyu, Yalin		Northwestern Univ.
Berry, Randall		Northwestern Univ.
Yener, Aylin		The Pennsylvania State Univ.