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Organizer(s): Dimakis, Alex (<i>University of Texas, Austin</i>)	
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Huang, Cheng	<i>Microsoft Research</i>
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Dimakis, Alex	<i>University of Texas, Austin</i>
Vishwanath, Sriram	<i>University of Texas, Austin</i>

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El Rouayheb, Salim*	<i>Illinois Institute of Technology, Chicago</i>
Goparaju, Sreechakra	<i>Princeton University</i>
Poor, H. Vincent	<i>Princeton University</i>
Calderbank, A. Robert	<i>Duke University</i>

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Organizer(s): Viswanath, Pramod (<i>University of Illinois</i>)	

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Pachter, Lior	<i>University of California, Berkeley</i>
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Kar, Soummya	<i>Carnegie Mellon University</i>

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Chair: Sanghavi, Sujay (<i>University of Texas, Austin</i>)	
Organizer(s): Kiyavash, Negar (<i>University of Illinois</i>)	
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Lafferty, John*	<i>University of Chicago</i>

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Sanghavi, Sujay*	<i>University of Texas, Austin</i>

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Chertkov, Michael*	<i>Los Alamos National Laboratory</i>
Gelfand, Andrew	<i>University of California, Irvine</i>
Shin, Jinwoo	<i>Massachusetts Institute of Technology</i>

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Chair: Dominguez-Garcia, Alejandro (<i>University of Illinois</i>)	
Organizer(s): Dominguez-Garcia, Alejandro (<i>University of Illinois</i>)	

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Scaglione, Anna	<i>University of California, Davis</i>
van der Schaar, Mihaela	<i>University of California, Los Angeles</i>
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Viskens, Ian	<i>University of Michigan</i>
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Qiu, Ting	<i>University of Washington</i>
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Kirschen, Daniel	<i>University of Washington</i>
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Chair: Chowdhury, Mainak (<i>Stanford University</i>)	

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Organizer(s): Hajek, Bruce (<i>University of Illinois</i>)	
Srikant, R. (<i>University of Illinois</i>)	

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Mirrokni, Vahab*	<i>Google Research</i>
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Walton, Neil Stuart*	<i>University of Amsterdam</i>
Anselmi, Jonatha	<i>Basque Center for Applied Mathematics</i>
D'Auria, Bernardo	<i>Universidad Carlos III de Madrid</i>

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Chair: Nedich, Angelia (<i>University of Illinois</i>)	
Organizer(s): Başar, Tamer (<i>University of Illinois</i>)	
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Veeravalli, Venugopal (<i>University of Illinois</i>)	

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Ulukus, Sennur*	<i>University of Maryland</i>
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Mo, Yilin	<i>California Institute of Technology</i>
Sinopoli, Bruno	<i>Carnegie Mellon University</i>

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Moura, José M.F.		Carnegie Mellon University

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Chair:	Raginsky, Maxim (<i>University of Illinois</i>)	
Co-Chair:	Lazebnik, Svetlana (<i>University of Illinois</i>)	
Organizer(s):	Javidi, Tara (<i>University of California, San Diego</i>) Lazebnik, Svetlana (<i>University of Illinois</i>) Raginsky, Maxim (<i>University of Illinois</i>)	

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Berg, Alexander C.*		<i>University of North Carolina, Chapel Hill</i>

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Javidi, Tara*		<i>University of California, San Diego</i>
Chaudhuri, Kamalika		<i>University of California, San Diego</i>

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Seroussi, Gadiel		<i>Universidad de la Repùblica, Uruguay</i>
Weinberger, Marcelo J*		<i>Center for Science of Information</i>

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Chair:	Avestimehr, Salman (<i>Cornell University</i>)	

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Avestimehr, A. Salman	Cornell University
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Nazer, Bobak*	Boston University
Caire, Giuseppe	University of Southern California

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Chair: Wang, Qiong (<i>University of Illinois</i>)	
Organizer(s): Andrews, Matthew (<i>Alcatel-Lucent Bell Labs</i>)	
Baryshnikov, Yuliy (<i>University of Illinois</i>)	
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Eryilmaz, Atilla	Ohio State University
Lin, Xiaojun	Purdue University
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Organizer(s): Dolecek, Lara (<i>University of California, Los Angeles</i>)	
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Bitouzé, Nicolas	<i>University of California, Los Angeles</i>
Sala, Frederic	<i>University of California, Los Angeles</i>
Tabatabaei Yazdi, S.M. Sadegh	<i>University of California, Los Angeles</i>
Dolecek, Lara*	<i>University of California, Los Angeles</i>
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Rahmati, Mojtaba	<i>Arizona State University</i>
Duman, Tolga M.*	<i>Arizona State University and Bilkent University</i>
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Yuvalal, Liron	<i>The Open University of Israel</i>
Langberg, Michael*	<i>State University of New York, Buffalo</i>
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Venkataraman, Ramji*	<i>University of Cambridge</i>
Narasimha Swamy, Vasuki	<i>University of California, Berkeley</i>
Ramchandran, Kannan	<i>University of California, Berkeley</i>

ThD1 – Sparse Data Analysis	Library
Chair: Studer, Christoph (<i>Rice University</i>)	

Recovering Sparse Low-Rank Blocks in Tandem Mass Spectrometry	n/a
Studer, Christoph*	<i>Rice University</i>
Pope, Graeme	<i>ETH Zurich</i>
Navarro, Pedro	<i>Johannes Gutenberg University Mainz</i>
Baraniuk, Richard	<i>Rice University</i>
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Cai, Sheng*	<i>The Chinese University of Hong Kong</i>
Jahangoshahi, Mohammad	<i>Sharif University of Technology</i>
Bakshi, Mayank	<i>Institute of Network Coding</i>
Jaggi, Sidharth	<i>The Chinese University of Hong Kong</i>
Compressed Sensing of Streaming Data	1242
Freris, Nikolaos M.*	<i>École Polytechnique Fédérale de Lausanne</i>
Öçal, Orhan	<i>École Polytechnique Fédérale de Lausanne</i>
Vetterli, Martin	<i>École Polytechnique Fédérale de Lausanne</i>
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Scheibler, Robin*	<i>École Polytechnique Fédérale de Lausanne</i>
Haghigatshoar, Saeid	<i>École Polytechnique Fédérale de Lausanne</i>
Vetterli, Martin	<i>École Polytechnique Fédérale de Lausanne</i>

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Ghazi, Badih	<i>Massachusetts Institute of Technology</i>
Hassanieh, Haitham*	<i>Massachusetts Institute of Technology</i>
Indyk, Piotr	<i>Massachusetts Institute of Technology</i>
Katabi, Dina	<i>Massachusetts Institute of Technology</i>
Price, Eric	<i>Massachusetts Institute of Technology</i>
Shi, Lixin	<i>Massachusetts Institute of Technology</i>

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Cai, Jian-Feng	<i>University of Iowa</i>
Xu, Weiyu*	<i>University of Iowa</i>

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Chair:	Veeravalli, Venugopal (<i>University of Illinois</i>)
Organizer(s):	Başar, Tamer (<i>University of Illinois</i>) Nedich, Angelia (<i>University of Illinois</i>) Veeravalli, Venugopal (<i>University of Illinois</i>)

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Towfic, Zaid J.*	<i>University of California, Los Angeles</i>
Sayed, Ali H.	<i>University of California, Los Angeles</i>

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Ouyang, Yi*	<i>University of Michigan</i>
Teneketzis, Demosthenis	<i>University of Michigan</i>

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Doostmohammadian, Mohammadreza	<i>Tufts University</i>
Khan, Usman A.*	<i>Tufts University</i>

Sequential Supervised Learning	n/a
Wang, Joseph	<i>Boston University</i>
Trapeznikov, Kirill	<i>Boston University</i>
Saligrama, Venkatesh*	<i>Boston University</i>

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Michelusi, Nicolò*	<i>University of Southern California</i>
Mitra, Urbashi	<i>University of Southern California</i>

ThD3 – Information Theory IV	Butternut
Chair:	Bhashyam, Srikrishna (<i>Indian Inst. of Tech, Madras</i>)

The Gaussian Two-Way Diamond Channel	1292
V, Prathyusha	<i>Indian Institute of Technology, Madras</i>
Bhashyam, Srikrishna*	<i>Indian Institute of Technology, Madras</i>
Thangaraj, Andrew	<i>Indian Institute of Technology, Madras</i>

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Bassi, Germán*	<i>Supélec</i>
Piantanida, Pablo	<i>Supélec</i>
Yang, Sheng	<i>Supélec</i>

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Dikstein, Lior*	Ben Gurion University of the Negev
Permuter, Haim H.	Ben Gurion University of the Negev
Steinberg, Yossef	Technion - Israel Institute of Technology
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Hern, Brett	Texas A&M University
Narayanan, Krishna*	Texas A&M University
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Gherekhloo, Soheyl*	Ruhr Universität Bochum
Chaaban, Anas	Ruhr Universität Bochum
Sezgin, Aydin	Ruhr Universität Bochum
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Akyol, Emrah*	University of California, Santa Barbara
Rose, Kenneth	University of California, Santa Barbara

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Chair: Dominguez-Garcia, Alejandro (<i>University of Illinois</i>)	
Organizer(s): Dominguez-Garcia, Alejandro (<i>University of Illinois</i>)	

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Manitara, Nicolaos	University of Cyprus
Hadjicostis, Christoforos N.*	University of Cyprus
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Bienstock, Daniel*	Columbia University
Blanchet, Jose	Columbia University
Li, Juan	Columbia University
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Goldis, Evgeniy A.*	Boston University
Li, Xiaoguang	Boston University
Caramanis, Michael C.	Boston University
Keshavamurthy, Bhavana	PJM
Patel, Mahendra	PJM
Rudkevich, Aleksandr M.	Newton Energy Group
Ruiz, Pablo A.	Charles River Associates

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Jia, Liyan*	Cornell University
Zhao, Qing	University of California, Davis
Tong, Lang	Cornell University

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Dhople, Sairaj V.*	University of Minnesota
Johnson, Brian B.	National Renewable Energy Laboratory
Hamadeh, Abdullah O.	Rutgers University

ThD5 – Networks, Games and Algorithms IV	Lower Level
Chair: Lu, Yi (<i>University of Illinois</i>)	
Organizer(s): Hajek, Bruce (<i>University of Illinois</i>)	
Srikant, R. (<i>University of Illinois</i>)	

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Bachrach, Yoram	<i>Microsoft Research Cambridge</i>
Draief, Moez*	<i>Imperial College</i>
Goyal, Sanjeev	<i>University of Cambridge</i>
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Ruchansky, Natali	<i>Boston University</i>
Crovella, Mark*	<i>Boston University</i>
Terzi, Evinaria	<i>Boston University</i>
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Lelarge, Marc*	<i>INRIA and École Normale Supérieure</i>
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Chaporkar, P.	<i>Indian Institute of Technology, Mumbai</i>
Proutiere, A.*	<i>KTH Royal Institute of Technology</i>
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Moharir, Sharayu Arun	<i>University of Texas, Austin</i>
Sanghavi, Sujay	<i>University of Texas, Austin</i>
Shakkottai, Sanjay*	<i>University of Texas, Austin</i>
Curbing Delays in Datacenters: Need Time to Save Time?	n/a
Alizadeh Attar, Mohammadreza*	<i>Insieme Networks</i>
Katti, Sachin	<i>Stanford University</i>
Prabhakar, Balaji	<i>Stanford University</i>

ThD6 – Topics in Cryptography	Vistior Center
Chair: Prabhakaran, Manoj (<i>University of Illinois</i>)	
Organizer(s): Duursma, Iwan (<i>University of Illinois</i>)	
Prabhakaran, Manoj (<i>University of Illinois</i>)	

How to Encrypt Software	n/a
Sahai, Amit*	<i>University of California, Los Angeles</i>
On the Cost of Information-Theoretic Cryptography	n/a
Ishai, Yuval*	<i>Technion - Israel Institute of Technology</i>
From Unprovability to Environmentally Friendly Protocols	n/a
Canetti, Ran	<i>Boston University and Tel Aviv University</i>
Lin, Huijia*	<i>Massachusetts Institute of Technology and Boston University</i>
Pass, Rafael	<i>Cornell University</i>
Cryptography, Causality, and Coding	n/a
Smith, Adam*	<i>Pennsylvania State University</i>

Obfuscation for Evasive Functions	n/a
Canetti, Ran	Boston University and Tel Aviv University
Bitansky, Nir	Tel Aviv University
Barak, Boaz	Microsoft Research
Kalai, Yael	Microsoft Research
Paneth, Boaz	Microsoft Research
Sahai, Amit*	University of California, Los Angeles

FrPP - Plenary Talk: Codes for the Storage Cloud	Library
Chair: Başar, Tamer (<i>University of Illinois</i>)	

Codes for the Storage Cloud	n/a
Ramchandran, Kannan*	University of California, Berkeley

FrA1 – Wireless Communications II	
Chair: Duel-Hallen, Alexandra (<i>North Carolina State University</i>)	

Small Cell Networks: Speed based Power Allocation	1380
Kavitha, Veeraruna*	Indian Institute of Technology, Bombay
Capdevielle, Veronique	Alcatel-Lucent Bell Labs
Gupta, Manu K.	Indian Institute of Technology, Bombay

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Hanif, Ahmed Farhan*	Institut Mines-Télécom SudParis
Tembine, Hamidou	Supélec
Assaad, Mohamad	Supélec
Zeghlache, Djamal	Institut Mines-Télécom SudParis

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Wang, Zhe	Columbia University
Aggarwal, Vaneet	AT&T Labs-Research
Wang, Xiaodong*	Columbia University

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Zhou, Xiangwei*	Southern Illinois University, Carbondale
Al-Hraishawi, Hayder	Southern Illinois University, Carbondale
Jia, Yupeng	National Instruments

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Lu, Yuan*	North Carolina State University
Duel-Hallen, Alexandra	North Carolina State University

Quantized Auction Schemes for Secondary Spectrum Markets	1415
Palguna, Deepan*	Purdue University
Love, David J.	Purdue University
Pollak, Ilya	Purdue University

Performance Analysis of Coexisting Secondary users in Heterogeneous Cognitive Radio Network	1422
Li, Xiaohua*	State University of New York, Binghamton
Xiong, Chengyu	State University of New York, Binghamton

FrA2 – Statistical Signal Processing**Solarium**Chair: Bajwa, Waheed U. (*Rutgers University*)

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Javanmard, Adel*	<i>Stanford University</i>
Montanari, Andrea	<i>Stanford University</i>
Distributed Online Big Data Classification using Context Information	1435
Tekin, Cem*	<i>University of California, Los Angeles</i>
van der Schaar, Mihaela	<i>University of California, Los Angeles</i>
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Xu, Weiyu*	<i>University of Iowa</i>
Lai, Lifeng	<i>Worcester Polytechnic Institute</i>
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Motamedvaziri, Delaram*	<i>Boston University</i>
Rohban, Mohammad H.	<i>Boston University</i>
Saligrama, Venkatesh	<i>Boston University</i>
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Laarhoven, Thijs*	<i>Eindhoven University of Technology</i>
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Chandrasekaran, Venkat*	<i>California Institute of Technology</i>
Jordan, Michael I.	<i>University of California, Berkeley</i>
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Ba, Amadou*	<i>IBM Research</i>
McKenna, Sean	<i>IBM Research</i>
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Raja, Haroon	<i>Rutgers University</i>
Bajwa, Waheed U.*	<i>Rutgers University</i>

FrA3 – Information Aggregation Over Social Networks**Butternut**Chair: Hassanzadeh, Farzad (*University of Illinois*)Organizer(s): Milenkovic, Olgica (*University of Illinois*)Yaakobi, Eitan (*California Institute of Technology*)

The Maximum Likelihood Approach to Voting on Social Networks	1482
Conitzer, Vincent*	<i>Duke University</i>
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Farnoud (Hassanzadeh), Farzad	<i>California Institute of Technology</i>
Yaakobi, Eitan*	<i>California Institute of Technology</i>
Touri, Behrouz	<i>Georgia Institute of Technology</i>
Bruck, Jehoshua	<i>California Institute of Technology</i>
CP-Nets with Indifference	1488
Allen, Thomas E.*	<i>University of Kentucky</i>

Computing Parametric Ranking Models via Rank-Breaking	n/a
Azari Soufiani, Hossein	<i>Harvard University</i>
Parkes, David	<i>Harvard University</i>
Xia, Lirong*	<i>Rensselaer Polytechnic Institute</i>
On the Dynamics of Influence Networks via Reflected Appraisal	n/a
Bullo, Francesco*	<i>University of California, Santa Barbara</i>
Social Group Utility Maximization Game with Applications in Mobile Social Networks	1496
Gong, Xiaowen*	<i>Arizona State University</i>
Chen, Xu	<i>Arizona State University</i>
Zhang, Junshan	<i>Arizona State University</i>
Credibility Optimization and Power Control for Secure Mobile Crowdsourcing	1501
Ahmed, Kishwar	<i>Florida International University</i>
Ren, Shaolei*	<i>Florida International University</i>
Turnewitsch, Vance	<i>Marietta College</i>
Vasilakos, Athanasios V.	<i>National Technical University of Athens</i>
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Liu, Yang*	<i>University of Michigan</i>
Liu, Mingyan	<i>University of Michigan</i>

FrA4 – Network Coding	Pine
Chair:	Dimakis, Alex (<i>University of Southern California</i>)

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Czap, László*	<i>École Polytechnique Fédérale de Lausanne</i>
Fragouli, Christina	<i>École Polytechnique Fédérale de Lausanne</i>
Prabhakaran, Vinod M.	<i>Tata Institute of Fundamental Research</i>
Diggavi, Suhas	<i>University of California, Los Angeles</i>
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Shanmugam, Karthikeyan*	<i>University of Texas, Austin</i>
Dimakis, Alexandros G.	<i>University of Texas, Austin</i>
Caire, Giuseppe	<i>University of Southern California</i>
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No, Albert*	<i>Stanford University</i>
Ingber, Amir	<i>Stanford University</i>
Weissman, Tsachy	<i>Stanford University</i>
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Wong, M.F.*	<i>California Institute of Technology</i>
Langberg, M.	<i>State University of New York, Buffalo</i>
Effros, M.	<i>California Institute of Technology</i>
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Rai, Brijesh Kumar*	<i>Indian Institute of Technology, Guwahati</i>
Das, Niladri	<i>Indian Institute of Technology, Guwahati</i>

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Yu, Hao*		<i>University of Southern California</i>
Neely, Michael J.		<i>University of Southern California</i>

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Brahma, Siddhartha*		<i>École Polytechnique Fédérale de Lausanne</i>
Fragouli, Christina		<i>École Polytechnique Fédérale de Lausanne</i>
Özgür, Ayfer		<i>Stanford University</i>

FrA5 – Topology and Control	Lower Level
Chair: Baryshnikov, Yuliy (<i>University of Illinois</i>)	
Co-Chair: Belabbas, Mohamed-Ali (<i>University of Illinois</i>)	
Organizer(s): Baryshnikov, Yuliy (<i>University of Illinois</i>)	
Belabbas, Mohamed-Ali (<i>University of Illinois</i>)	

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Bloch, Anthony M.*		<i>University of Michigan</i>
Gay-Balmaz, François		<i>École Normale Supérieure</i>
Ratiu, Tudor S.		<i>École Polytechnique Fédérale de Lausanne</i>

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Mansouri, Abdol-Reza*		<i>Queen's University</i>

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Ohsawa, Tomoki*		<i>University of Michigan, Dearborn</i>

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Helmke, Uwe*		<i>University of Würzburg</i>
Anderson, Brian D.O.		<i>Australian National University</i>

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Leok, Melvin*		<i>University of California, San Diego</i>

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Futuna, Andrei A.		<i>Dartmouth College</i>
Wang, Weifu		<i>Dartmouth College</i>
Lyu, Yu-Han		<i>Dartmouth College</i>
Balkcom, Devin*		<i>Dartmouth College</i>

Real and Apparent Synchronization	n/a
Brockett, Roger*		<i>Harvard University</i>

Rauch and Bonnet-Myers Type Comparison Theorems in Sub-Riemannian Geometry	n/a
Zelenko, Igor*		<i>Texas A&M University</i>

FrA6 – Privacy and Big Data**Visitor Center**

Chair: Oh, Sewoong (*University of Illinois*)
Organizer(s): Duchi, John (*University of California, Berkeley*)
Oh, Sewoong (*University of Illinois*)
Viswanath, Pramod (*University of Illinois*)

Local Privacy and Statistical Minimax Rates	1592
Duchi, John C.*	<i>University of California, Berkeley</i>
Jordan, Michael I.	<i>University of California, Berkeley</i>
Wainwright, Martin J.	<i>University of California, Berkeley</i>
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Roth, Aaron*	<i>University of Pennsylvania</i>
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Pedarsani, Pedram	<i>École Polytechnique Fédérale de Lausanne</i>
Figueiredo, Daniel R.	<i>Federal University of Rio de Janeiro</i>
Grossglauser, Matthias*	<i>École Polytechnique Fédérale de Lausanne</i>
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Ghosh, Arpita	<i>Cornell University</i>
Ligett, Katrina*	<i>California Institute of Technology</i>
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Unnikrishnan, Jayakrishnan*	<i>École Polytechnique Fédérale de Lausanne</i>
Movahedi Naini, Farid	<i>École Polytechnique Fédérale de Lausanne</i>
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Hardt, Moritz*	<i>IBM Research Almaden</i>
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Makhdoumi, Ali*	<i>Massachusetts Institute of Technology</i>
Fawaz, Nadia	<i>Technicolor</i>