

[52nd Annual Allerton Conference on Communication, Control, and Computing](#)

October 1-3, 2014, Allerton House, UIUC, Illinois, USA

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Last updated on September 24, 2014. This conference program is tentative and subject to change

Program at a Glance

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Allerton 2014 Technical Program Wednesday October 1, 2014

Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
08:30-10:30 Library Invited Session WeA1 <u>Topics in Machine Learning</u>	08:30-10:30 Solarium Invited Session WeA2 <u>Controlled Sensing and Information Processing in Networks I</u>	08:30-10:30 Butternut Regular Session WeA3 <u>Dynamic Games and Decision Theory</u>	08:30-10:30 Pine Regular Session WeA4 <u>Source Coding and Information Theory</u>	08:30-10:30 Lower Level Invited Session WeA5 <u>Information Processing Systems</u>	08:30-10:30 Visitor Center WeA6
10:30-12:30 Library Invited Session WeB1 <u>Networks, Games, and Algorithms I</u>	10:30-12:30 Solarium Invited Session WeB2 <u>Interactive Communication</u>	10:30-12:30 Butternut Regular Session WeB3 <u>Information Theoretic Applications in Wireless</u>	10:30-12:30 Pine Regular Session WeB4 <u>Wireless Communication Systems</u>	10:30-12:30 Lower Level Regular Session WeB5 <u>Optimization Theory</u>	10:30-12:30 Visitor Center WeB6
13:30-15:30 Library Invited Session WeC1 <u>Dynamics and Control of Decentralized Systems II</u>	13:30-15:30 Solarium Invited Session WeC2 <u>Statistical Information Processing Systems</u>	13:30-15:30 Butternut Regular Session WeC3 <u>Stochastic Systems and Control</u>	13:30-15:30 Pine Regular Session WeC4 <u>Interference Channels</u>	13:30-15:30 Lower Level Invited Session WeC5 <u>Privacy and Social Learning</u>	13:30-15:30 Visitor Center WeC6
15:30-17:50 Library Invited Session WeD1 <u>Networks, Games, and Algorithms II</u>	15:30-17:50 Solarium WeD2	15:30-17:50 Butternut Invited Session WeD3 <u>Index Coding and Security in Distributed Storage</u>	15:30-17:50 Pine Invited Session WeD4 <u>Trends in Cryptography</u>	15:30-17:50 Lower Level Invited Session WeD5 <u>Dynamics and Control of Decentralized Systems I</u>	15:30-17:50 Visitor Center Regular Session WeD6 <u>Coding Theory Topics</u>

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Allerton 2014 Technical Program Thursday October 2, 2014

Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
08:30-10:30	08:30-10:30	08:30-10:30	08:30-10:30	08:30-10:30	08:30-10:30

Library Invited Session ThA1 <u>Controlled Sensing and Information Processing in Networks II</u>	Solarium Invited Session ThA2 <u>Topics in Coding Theory</u>	Butternut Regular Session ThA3 <u>Decentralized and Distributed Control</u>	Pine Regular Session ThA4 <u>Pricing Congestion Control and Resilient Systems</u>	Lower Level Regular Session ThA5 <u>Network Coding and Information Theory</u>	Visitor Center ThA6
10:30-12:30 Library Invited Session ThB1 <u>Applications of Information Theory</u>	10:30-12:30 Solarium Invited Session ThB2 <u>Control and Optimization in Electrical Energy Systems: Smart Grid Applications and Beyond I</u>	10:30-12:30 Butternut Regular Session ThB3 <u>Information Theory I</u>	10:30-12:30 Pine Regular Session ThB4 <u>Polar and LP Coding</u>	10:30-12:30 Lower Level Invited Session ThB5 <u>Signal Processing for Big Data</u>	10:30-12:30 Visitor Center Regular Session ThB6 <u>Compressive Sensing</u>
13:30-15:10 Library Invited Session ThC1 <u>Security</u>	13:30-15:10 Solarium Invited Session ThC2 <u>Bounds and Duality in Network Coding</u>	13:30-15:10 Butternut Regular Session ThC3 <u>Topics in Network Theory</u>	13:30-15:10 Pine Regular Session ThC4 <u>Broadcast and Relay Channels</u>	13:30-15:10 Lower Level Regular Session ThC5 <u>Control Applications and Nonlinear Control</u>	13:30-15:10 Visitor Center ThC6
15:30-17:50 Library Invited Session ThD1 <u>Control and Optimization in Electrical Energy Systems: Smart Grid Applications and Beyond II</u>	15:30-17:50 Solarium ThD2	15:30-17:50 Butternut Regular Session ThD3 <u>Security, Secrecy and Trust</u>	15:30-17:50 Pine Regular Session ThD4 <u>Performance Analysis</u>	15:30-17:50 Lower Level Invited Session ThD5 <u>Allerton Class 2014</u>	15:30-17:50 Visitor Center ThD6

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Allerton 2014 Technical Program Friday October 3, 2014					
Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
08:30-09:30 Library Invited Session FrPP <u>The Convergence of Social and Technological Networks</u>					
10:00-12:40 Library Invited Session FrA1	10:00-12:40 Solarium Invited Session FrA2	10:00-12:40 Butternut Regular Session FrA3	10:00-12:40 Pine Regular Session FrA4	10:00-12:40 Lower Level Regular Session FrA5	10:00-12:40 Visitor Center Regular Session FrA6

<u>Networks, Games, and Algorithms III</u>	<u>Statistics and Learning for High-Dimensional Data</u>	<u>Information Theory and Practice</u>	<u>Security, Privacy, and Integrity</u>	<u>Coding for Networks</u>	<u>Complementary and Quantum Codes</u>
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