



58th Allerton Conference

ON COMMUNICATION, CONTROL, & COMPUTING

THE FOLLOWING EMAIL ANNOUNCEMENT CONCERNING THE CANCELLED 2020 ALLERTON CONFERENCE IS BEING SENT TO YOU ON BEHALF OF PROFESSOR ALEJANDRO DOMINGUEZ-GARCIA AND PROFESSOR MAX RAGINSKY.

Hello everyone —

Based on preliminary discussion over Zoom on Tuesday, April 7th, and on the subsequent survey, the votes are overwhelmingly in favor of postponing the Allerton Conference to Fall 2021. While this was not an easy decision to make, as the Allerton Conference is an intellectual highlight of the Fall semester for many of us, we feel that this is a prudent course of action in the face of uncertainty surrounding the COVID-19 pandemic.

Best regards,

Alejandro Dominguez-Garcia and Max Raginsky
Allerton Conference Co-Chairs

Call for Papers: Due July 8, 2021

Manuscripts can be submitted from June 12-July 6, 2021 with the submission deadline of July 6th being firm. Please follow the instructions at allerton.csl.illinois.edu.

CONFERENCE CO-CHAIRS | ALEJANDRO DOMINGUEZ-GARCIA AND MAX RAGINSKY

INFORMATION FOR AUTHORS | Regular papers suitable for presentation in 20 minutes are solicited. Regular papers will be published in full (subject to a maximum length of eight 8.5" x 11" pages, in two column format) in the Conference Proceedings. Only papers that are actually presented at the conference and uploaded as final manuscripts can be included in the proceedings, which will be available after the conference on IEEE Xplore. For reviewing purposes of papers, a title and a five to ten page extended abstract, including references and sufficient detail to permit careful reviewing, are required.

PAPERS PRESENTING ORIGINAL RESEARCH ARE SOLICITED IN THE AREAS OF:

- Biological Information Systems
- Coding Techniques and Applications
- Coding Theory
- Data Storage
- Information Theory
- Multiuser Detection and Estimation
- Network Information Theory
- Sensor Networks in Communications
- Wireless Communication Systems
- Intrusion/Anomaly Detection and Diagnosis
- Network Coding
- Network Games and Algorithms
- Performance Analysis
- Pricing and Congestion Control
- Reliability, Security and Trust
- Decentralized Control Systems
- Robust and Nonlinear Control
- Adaptive Control and Automation
- Robotics
- Distributed and Large-Scale Systems
- Complex Networked Systems
- Optimization
- Dynamic Games
- Machine Learning and Learning Theory
- Signal Models and Representations
- Signal Acquisition, Coding, and Retrieval
- Detection and Estimation
- Learning and Inference
- Statistical Signal Processing
- Sensor Networks
- Data Analytics
- Power System Control and Optimization

IMPORTANT DATES | 2021

JULY 6 — Submission Deadline

AUGUST 3 — Author Notification Authors will be notified of acceptance via email by August 6, 2020, at which time they will also be sent detailed instructions for the preparation of their papers for the Conference Proceedings

AFTER AUGUST 7 — Registration Opens

SEPTEMBER 29 - OCTOBER 1 — Conference Dates

September 28 — Opening Tutorial Lectures at the Coordinated Science Lab, University of Illinois at Urbana-Champaign: Mihailo Jovanovic, University of Southern California and Tamara Broderick, Massachusetts Institute of Technology

September 30-2 — Conference Sessions at the University of Illinois Allerton Park & Retreat Center. The Allerton House is located 26 miles southwest of the Urbana-Champaign campus of the University of Illinois in a wooded area on the Sangamon River. It is part of the 1,500 acre Robert Allerton Park, a complex of natural and man-made beauty designated as a National natural landmark. Allerton Park has 20 miles of well-maintained trails and a living gallery of formal gardens, studded with sculptures collected from around the world.

Plenary Lecture: TBA

SEPTEMBER 29 — Final Paper Deadline Final versions of papers that are presented at the conference must be submitted electronically in order to appear in the Conference Proceedings and IEEE Xplore.



The Allerton Conference is co-sponsored by the **Coordinated Science Lab** and the **Department of Electrical and Computer Engineering**.

WEBSITE | allerton.csl.illinois.edu EMAIL | amellis@illinois.edu

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