2023 JMM Invited Special Session
Tensor Representation, Completion, Modeling & Analytics of Complex Data

January 4th & 5th, 2023, 8:00-18:00, US Eastern Time, (UTC-5)
2023 Joint Mathematics Meetings, Boston, MA

Overview

Session will cover new mathematical, computational, and statistical approaches for tensor-based representation, modeling and inference with direct applications to high-dimensional and longitudinal data. Talks will cover coupled tensor-tensor completion strategies, complex time (kime) representation and tensor linear modeling of kimesurfaces & current advances in tensor computing

Abstract Submissions

For paper Abstract Submission, click on the AMS (American Mathematical Society) "BEGIN A SUBMISSION" button. Deadline for abstract submission is September 13, 2022.

https://myumi.ch/DJ75R
https://meetings.ams.org/math/jmm2023/cfp.cgi

This 3-part special session will explore the mathematical, physical, and computational aspects of tensors, as one promising direction for data compression, classification, model-based and model-free inference. By bringing together a broad range of experts, the session will provide a platform for open exchange of ideas, reports of recent developments, cross-fertilization of new techniques, translation of mathematical models into data analytic techniques, and the embedding of application-specific constraints into mathematical formulations

Joint Mathematics Meetings
American Mathematical Society

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