39th International Workshop on Bayesian Inference and Maximum Entropy Methods in Science and Engineering

MaxEnt 2019

Scope

Main topics of the workshop are the application of Bayesian inference and the maximum entropy principle to inverse problems in science, machine learning, information theory and engineering.

Inverse and uncertainty quantification (UQ) problems arise from a large variety of applications, such as earth science, astrophysics, material and plasma science, imaging in geophysics and medicine, nondestructive testing, density estimation, remote sensing, Gaussian process (GP) regression, optimal experimental design, data assimilation and data mining.

The workshop thus invites contributions on all aspects of probabilistic inference, including novel techniques and applications, and work that sheds new light on the foundations of inference.

Local Organizing Committee

U. von Toussaint
R. Preuss
L. Fahrner / A. Bauer
D. Nille / J. Dominguez

Homepage

Further information can be found on our website
https://www.ipp.mpg.de/maxent2019

The workshop is sponsored by:
E.T. Jaynes Foundation
Max-Planck-Institut für Plasmaphysik

Best poster award sponsored by journal “Entropy”

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