



ISCCRO'18 - The 2nd International Statistical Conference in Croatia
May 10-11, 2018, Opatija, Croatia

The Special Session Call for Papers:

**Topic: Modern Techniques for Handling Large Spatial Data
(SS-MT_HLSD)**

Session Chair:

Professor Taps Maiti, PhD

Michigan State Univ., Dept. of Statistics and Probability, East Lansing, Michigan, USA

e-mail: maiti@stt.msu.edu

Special Session Abstract:

The field of spatial statistics is an expanding subset of statistical science with numerous applications in a wide variety of specialties such as geophysical, environmental, ecological and economic sciences. Modern datasets in these sciences often involve multiple variables observed at thousands to millions of irregularly spaced geographical locations. Associated scientific goals include surface estimation, stochastic simulation and statistical modeling to gain insight of underlying phenomena. Due to these, lately there has been a surge of research interest focusing on developing methods for large spatial datasets that involve multiple variables with complex dependency structures.

The speakers in this session will tackle important statistical problems related to theoretical, methodological and modeling developments for handling complex spatial datasets. The speakers in this sessions are from various parts of the world and established experts in this field. They will bring varieties of spatial data problems and how they are solving in the context of scientific applications. This would be good show case for all researchers interested in spatial statistics.

Special Session Keywords: BLUP, Kriging; Prediction; Random fields; Spatial Statistics.

Note: When submitting the paper, please, select:

“ISCCRO'18 Special Session: **SS-MT_HLSD**”.

Instructions to authors, deadlines, registration details and payment information are available at:

ISCCRO'18

<http://www.hsd-stat.hr/en/international-statistical-conference-in-croatia-iscro18/>