



Workshop on

# Game Theory and Mechanism Design

January 11-15, 2016

Organised by: Indian Institute of Science, Bangalore

Venue: Biological Sciences Building, IISc, Bangalore

## COORDINATORS

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## SPEAKERS

**Siddharth Barman**, IISc, Bangalore

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Game theory and mechanism design deal with interactions among strategic agents. While game theory is concerned with analysis of games, mechanism design involves designing games with desirable outcomes. Currently these are lively and active areas of research for inter-disciplinary problem solving.

Disciplines where game theory and mechanism design have traditionally been used include economics, business, sociology, political science, biology, philosophy, and engineering. More recently, game theory has been embraced by computer science and electrical engineering disciplines in the context of many emerging applications.

The central objective of this workshop is to provide a sound understanding of the science behind the use of game theory and mechanism design in solving modern problems in engineering, especially in computer science and network engineering. The workshop will include tutorial lectures on foundational topics and will be followed by presentations on advanced research topics.

Poster Session: There will be a poster session for Ph.D. students on Thursday, January 14, 2016.

For details on the workshop and for information on how to apply to attend the workshop, please look up:

<http://math.iisc.ernet.in/~nmi>

Deadline for Online Applications: **November 30, 2015**

Contact Details:

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