Open House
January 19 2019

Program

Department of Mathematics and Statistics
Indian Institute of Technology Kanpur
January 19, 2019

Inauguration: 09:15 am - 09:30 am

Session 1: 09:30 am - 11:00 am
Chair: Professor Preena Samuel

Speakers:
- Mr. Abhishek Sarkar
  Riemannian geometry of Lie algebroids over a-spaces \((X, \mathcal{O}_X)\).
- Mr. Amit Kumar Paul
  A combinatorial description of topological complexity
- Mr. Rahul Pandey
  Boundary convex cocompactness and stability of subgroups

TEA: 11:00 am - 11:15 am

Session 2: 11:15 am - 12:45 pm
Chair: Professor Arbind K. Lal

Speakers:
- Mr. Swadesh Pal
  Nonlocal interaction induced spatial pattern
- Ms. Anjali Jaiswal
  Fractional calculus and fractional differential equations
- Mr. Firoj Sk
  On the best constant in fractional Poincare inequalities on stirps
January 19, 2019

LUNCH: 012:45 pm - 02:00 pm

Session 3: 02:00 pm - 03:30 pm
Chair: Professor Subhajit Dutta
Speakers:
- Mr. Ayal Pal
  *On order restricted classical inference in a multiple step stress model with a cure fraction*
- Ms. Rhythm Grover
  *Chirp-like model and its parameters estimation*
- Mr. Deepak Prajapati
  *Decision theoretic sampling plan for one-parameter exponential distribution under type-I and type-I hybrid censoring schemes*

TEA: 03:30 pm - 03:45 pm

Session 4: 03:45 pm - 05:15 pm
Chair: Professor Ajay S. Thakur
Speakers:
- Mr. Shantanu Sardar
  *Cantor-Bendixson rank*
- Mr. Samya Kumar Ray
  *New non-commutative ergodic theorems*
- Mr. Lokesh Singh
  *Stable invariant manifolds for non-autonomous differential equations and ρ-non-uniform exponential dichotomy*