

**Stochastic Models and Complex Systems - Summer School  
Students' talks**

**July 7th, 2021 [Time Zone - CEST]**

[09:30-09:35 - opening](#)

[09:35-09:55 - talk n. 1](#)

**Fei Cao**, PhD candidate, Arizona State University, School of Mathematical and Statistical Sciences, USA  
*Wealth distribution from biased exchange of money*

[10:00-10:20 - talk n. 2](#)

**Jiandong Zhang**, PhD, Northwest Normal University, China  
*Optimal Allocation of Relevations in Coherent Systems*

[10:25-10:45 - talk n. 3](#)

**Dheeraj Goyal**, PhD student, Indian Institute of Technology, Jodhpur, India  
*On delta-shock model*

[10:50-11:10 - talk n. 4](#)

**Farha Sultana**, Dr, Indian Institute of Technology, Kanpur, India  
*Step-stress life testing problems*

[11:15-11:30 - break](#)

[11:30-11:50 - talk n. 5](#)

**Tanmay Sahoo**, Junior research scholar, Indian Institute of Technology, Jodhpur, India  
*Ordering and ageing properties of series and parallel systems with dependent and identically distributed components*

[11:55-12:15 - talk n. 6](#)

**Sangita Das**, Researcher, National Institute of Technology Rourkela, India  
*Ordering extremes of exponentiated location-scale models with dependent and heterogeneous random samples*

[12:20-12:40 - talk n. 7](#)

**Alexander Serebryakov**, PhD student, University of Sussex, UK  
*Characteristic polynomials of non-Hermitian random matrices: moments and duality formulae*

[break](#)

[15:00-15:20 - talk n. 8](#)

**Francesco Buono**, PhD student, Università degli Studi di Napoli Federico II, Italy  
*New measures of discrimination and their applications*

[15:25-15:45 - talk n. 9](#)

**Jessica Riccioni**, Postdoctoral fellow, Sapienza University of Rome, Department of Social Sciences and Economics, Italy  
*Reliability stochastic systems and rational expectations*

[15:50-16:10 - talk n. 10](#)

**Rodrigue Kazzi**, PhD student, Vrije Universiteit, Brussel, Belgium  
*Risk bounds for unimodal, symmetric, and log-symmetric distributions under partial information*

[16:15-16:30 - closing](#)