

# ENS-UT Special Lectures on Physics

Nov. 27-29, 2019

Hongo Campus, University of Tokyo

**November 27 (Wed)** Faculty of Science, Building No.1, Room 207

- 9:30-11:30 Marc Mezard  
*"From Spin Glasses to Statistical Inference"* (1)
- 13:00-16:00 Gwendal Feve  
*"Electronic Transport in Ballistic Quantum Conductors"* (1)
- 16:30-18:30 Koji Hukushima  
*"Monte Carlo Approach to Statistical Physics and Bayesian Inference"*

**November 28 (Thu)** Faculty of Science, Building No.1, Room 207

- 9:00-12:00 Marc Mezard  
*"From Spin Glasses to Statistical Inference"* (2)
- 13:30-15:30 Seigo Tarucha  
*"Quantum Coherence and Entanglement of Electron Spins - Preparation, Manipulation and Detection"*
- 16:00-18:00 Simona Cocco  
*"Statistical Physics, Inference and Applications to Biology"* (1)

**November 29 (Fri)** Faculty of Science, Building No.1, Room 201b

- 9:00-12:00 Simona Cocco  
*"Statistical Physics, Inference and Applications to Biology"* (2)
- 13:30-15:30 Gwendal Feve  
*"Electronic Transport in Ballistic Quantum Conductors"* (2)
- 16:00-18:00 Chikara Furusawa  
*"Universal Biology of Evolution and Development: Theoretical and Experimental Approaches"*

Lecture time: 5 hours for ENS professors, 2 hours for UT professors