

NYU  
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纽约大学NYU-ECNU  
Institute of Mathematical Sciences  
at NYU Shanghai

# PROBABILITY SEMINAR

- TOPIC:** Supercritical Behavior of Asymmetric Zero-range Process with Sitewise Disorder
- SPEAKER:** Ellen Saada, Le Centre National de la Recherche Scientifique (CNRS)
- TIME:** 2:00-3:00 PM, 28<sup>th</sup> April 2015
- VENUE:** Room 301, Pudong Campus, 1555 Century Avenue  
(世纪大道1555号, 浦东校区301教室)

## ABSTRACT OF THE TALK

This talk is based on joint works with C. Bahadoran, T. Mountford, K. Ravishankar.

We establish necessary and sufficient conditions for weak convergence to the upper invariant measure for asymmetric nearest neighbour zero range processes with nonhomogeneous jump rates.

## BIOGRAPHY

Ellen Saada is directrice de recherches at CNRS, attached to the MAP5 laboratory at University Paris Descartes, France. She studied at Ecole Normale Supérieure in Paris, and did her PhD at Paris 6 University. She wrote her thesis under the supervision of Professor Claude Kipnis. Her research interests are in probability theory, in particular in interacting particle systems.

For more information, visit <http://www.math-info.univ-paris5.fr/~esaada/>