

# Erasmus+ KA107 Teaching Mobility

## Timetable of the lectures

given by

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<http://www.toyo.ac.jp/site/bnel/>

Professor at the Graduate School of Interdisciplinary New Science and  
the Department of Mechanical Engineering

Period: from September 10, 2018, to September 18, 2018

Location: Faculty of Mechanical Engineering, Main building, 3<sup>rd</sup> floor, Room 196

Day	Hours	Subject /Title
10.09	part 1 10:00-11:00 part 2 13:00-14:00	Introduction: Properties of nano/micro-structures
12.09	part 1 10:00-11:00 part 2 13:00-14:00	Magnetic nano/micro-particles
13.09	part 1 10:00-11:30 part 2 13:00-14:30	Self-organization of magnetic nano/micro-particles
14.09	part 1 10:00-11:00 part 2 13:00-14:00	Fractal characteristics of self-organized patterns formed by magnetic particles
17.09	part 1 10:00-11:30 part 2 13:00-14:30	Numerical methods for analyzing the structure formation and dynamics of magnetic particles
18.09	part 1 10:00-11:30 part 2 13:00-14:30	Biological and biomedical applications of magnetic particles

Contact person for details and other informations on this activity: Prof. Floriana D. STOIAN,  
Faculty of Mechanical Engineering, E-mail: [floriana.stoian@upt.ro](mailto:floriana.stoian@upt.ro).

The lectures are especially dedicated to PhD students and post-docs, but all UPT students  
and academics with scientific interest in these subjects are welcomed.

Confirmation of your participation one day ahead of each lecture will be greatly appreciated.