TALLINNA TEHNIKAÜLIKOOL

ENERGIA- JA GEOTEHNIKA DOKTORIKOOL II

Euroopa Liit
Euroopa Sotsiaalfond

Eesti tuleviku heaks

Course

Holonomic-Nonholonomic Properties of Mechanical and Robotic Systems

Mehaaniliste ja robotsüsteemide holonoomsed-mitteholonoomsed omadused

Prof. Dr. Didier Pascault

The University of Picardie Jules Verne, Institute of Technology

SCHEDULE

Tuesday 24. April 2012

9.30 – 10.00	Registration (V312)
10.00 – 11.30	Introduction to Holonomic and Nonholonomic Systems
11.30 – 11.45	Coffee
11.45 – 13.00	Analysing Nonholonomic Properties of Systems Using Methods from Differential Geometry
13.00 – 13.45	Lunch
13.45 – 15.30	Theorem of Forbenius. A Simple Proof
15.40 – 16.40	Discussion

Wednesday 25. April 2012

9.00 – 10.30	Trajectory Planning and Control of Nonholonomic Systems
10.30 – 10.45	Coffee
10.45 – 12.15	Differentially Flat Systems as a Possible Method for Steering Nonholonomic Systems
12.15 – 13.00	Lunch
13.00 – 14.30	Open Problems
14.40 – 15.40	Conclusions and Discussion

Ruum V-303

- Seminari/kursuse läbinuile väljastatakse **tunnistus**, mis kinnitab **1 EAP** saamist.
- Palume **eelregistreeruda hiljemalt 21. aprilliks 2012** e-posti aadressil**: mh@ttu.ee**
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