



Euroopa Liit  
Euroopa Sotsiaalfond



Eesti tuleviku heaks

**Tallinna Tehnikaülikooli elektriamite ja  
jõuelektronika instituut**  
**ENERGIA- JA GEOTEHNIKA  
DOKTORIKOOL II**

**INTENSIIVKURSUS TEEMAL**

**" MICROCONTROLLERS FOR POWER ELECTRONICS APPLICATIONS "**

**Lektorid: Prof. ILYA GALKIN, Riga Technical University (Latvia)**

**PhD. INDREK ROASTO, Tallinn University of Technology (Estonia)**

**PhD. TANEL JALAKAS, Tallinn University of Technology (Estonia)**

**Intensiivkursus toimub inglise keeles.**

**Toimumiskoht: TTÜ Energeetikamaja, 4 korrus, kab. VII-431.**

**Toimumisaeg: 02.05.-04.05.2011**

**PROGRAMM JA AJAKAVA**

**Monday, 2 May 2011**

9.00-9.05	Opening.
9.05.-10.30	Power Electronics and Microcontrollers. <b>PhD. Indrek Roasto</b>
10.30-12.00	Introduction to the Microprocessor Technology. <b>PhD. Tanel Jalakas</b>
12.00-13.00	Lunch
13.00-13.45	An Overview of Texas Instruments DSP and DSC. <b>PhD. Indrek Roasto</b>
13.45-14.30	An Overview of Texas Instruments Microcontrollers. <b>Prof. Ilya Galkin</b>
14.30-15.15	An Overview of PIC Microcontrollers <b>PhD. Tanel Jalakas</b>

**Tuesday, 3. May 2011**

9.00-10.30	Laboratory work with PIC microcontrollers 1 part (Assembler) <b>PhD. Tanel Jalakas</b>
10.30-12.00	Laboratory work with PIC microcontrollers 2 part (Assembler) <b>PhD. Tanel Jalakas</b>
12.00-13.00	Lunch
13.00-14.30	Lecture and Laboratory work with MSP microcontrollers 1 part (C) <b>Prof. Ilya Galkin</b>
14.30-16.00	Lecture and Laboratory work with MSP microcontrollers 1 (C) <b>Prof. Ilya Galkin</b>

**Wednesday, 4 May 2011**

9.00-11.15	Lecture and Laboratory work with MSP microcontrollers 1 <b>Prof. Ilya Galkin</b>
11.15-12.00	Laboratory work with PIC microcontrollers 1 (C) <b>PhD. Indrek Roasto</b>
12.00-13.00	Lunch
13.00-15.15	Laboratory work with PIC microcontrollers 2 (C) <b>PhD. Indrek Roasto</b>
15.15-15.30	Conclusions
15.30-15.40	Closing session

- Koolituse läbinuile väljastatakse vastav **tunnistus**, mis kinnitab 1 EAP saamist.
- **Registreerumine.** Osavõtjate arvu õigeks teadasaamiseks ja teeninduse tellimiseks palume registreeruda hiljemalt **26.04.2011**
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