

ESSNBS Meeting,  
Sponsored by DAAD  
Niš, November 04-07, 2012.

## **PROGRAM**

*November 04, 2012.*

Arrival of the participants, accommodation, planning the meeting details

*November 05, 2012.*

### **ESSNBS Scientific Seminar**

10.00 1. Morning Session, Chair: Volker Zerbe

Opening Speech of the Host

10.10, Z. Kokolanski, C. Gavrovski, "Single point calibration applied on multivibrator-based signal conditioning circuits for passive modulating sensors"

10.30, S. Lale, "Experimental verification of single-phase PLL with novel two-phase generator for grid-connected converters"

10.50, T. S. Djamiykov, T. N. Lazarov, B. T. Ganev, D. S. Alexiev "Electro-optical parameters of CMOS Image Sensors for Measuring Applications"

Coffee break

11.30, 2. Morning Session, Chair: Predrag Petković

11.30, V. Mitić, M. Petković, D. Todorović, Volker Zerbe "Processor implementation on Altera DE2 Development and Education Board"

11.50, B. T. Ganev, M. B. Marinov, G. T. Nikolov "Sensor Nodes for multi-zone demand-controlled ventilation"

12.10 M. Stanojlović, P. Petković "Design and simulation of multiplexer cell resistant to side channel attacks"

Lunch

14.00, 1. Afternoon Session, Chair: Branko Dokić

14.00, C. Müller "Altitude control for a flight system"

14.20, M. Srbinovska, C. Gavrovski, "Wireless measurement system for environmental monitoring and control"

14.40, V. Skobić, Ž. Ivanović, B. Dokić, "Energy harvesting for Wireless Sensor nodes"

Coffee break

15.20, 2. Afternoon Session, Chair: Dimitar Alexiev

15.20, R. Dabić “Wireless Functional Stimulation System”

15.40, M. Ristović, “HDL code generation using MATLAB/Simulink”

16.00, V. Sibinović, B. Petković, G. Đorđević “Magnet tracking algorithm for estimating orientation of Vertebroplasty needle”

16.20, Volker Zerbe, Closing the seminar speech

*November 06,2012.*

10.00 Visit to a local ICT company.

12.00 Sightseeing and lunch.

18.00 Round table: “Experiences of long term scientific collaboration and future activities within ESSNBS”.

*November 07,2012.*

Departure of the participants