

WILGA Symposium, Winter, 31.01.2009

Timetable:

9.00 – 11.00 I session:

9.00 Universal platform for high speed digital signal processing

Łukasz Dymanowski, Kamil Lewandowski <K.Lewandowski@stud.elka.pw.edu.pl>

Keywords: digital signal processing, FPGA, PCB, LVDS, PCI

9.15 IRES System – Irradiation Experiment System.

Stefan Korolczuk

Keywords: radiation-hardening, measurement system.

9.30 Web Based Dynamic Site Development Application

Mateusz Szczygielski <mateusz.szczygielski@gmail.com>

9.45 Research Group Management System

Kamil Maj <K.Maj@elka.pw.edu.pl>

Keywords: web, www

10.00 Intrusion detection systems

Arkadiusz Kalicki <A.Kalicki@elka.pw.edu.pl>

Keywords: web, www, network security.

10.15 Component Internal Interface Enhancement

Paweł Drabik <poltreak@o2.pl>

Keywords: Developing workflow for wild usage of CII applications and libraries in JAVA.

10.30 Infrared CMOS detector test for German Lunar Orbiter - mission Louise

Piotr Sitek <sitek@linmpi.mpg.de>

Keywords: cmos detector, dark current characteristic.

10.45 OAuth protocol – security analysis

Przemek Łącki <P.Lacki@elka.pw.edu.pl>

11.00 Invited Speech

Prof. T.Morawski

“Palindromy”

11.30- 11.45 *Café break*

11.45 – 13.00 II session:

11.45 How to secure Microsoft windows network?

Tomasz Huszcza <tomaszhuszcza@wp.pl>

Keywords: Active Directory, Network security, Windows security

12.00 AMC Vector Modulator tests for ATCA LLRF system

Lukasz Butkowski <L.Butkowski@elka.pw.edu.pl>

12.15 Multichannel Acquisition System with Photomultiplier Detectors

Michał Bohdanowicz <bohdanowicz.m@gmail.com>

Keywords: photomultiplier, CFD, window discriminator, FPGA, ARM

12.30 Zero noise CCD concept for Pi of the Sky

Piotr Obroślak <P.Obroslak@stud.elka.pw.edu.pl>

12.45 Universal Measurement System with Web Interface

Maciej Lipiński <mlipinski@cells.es>

Keywords: embedded system/Linux, ARM, FPGA, web interface (Java Applet)

13.00 – 13.30 Café break & Pizza

13.30 – 15.00 III session:

13.30 DSP System for estimation parameters of XFEL accelerator

Maciej Linczuk <mlinczuk@elka.pw.edu.pl>

Keywords: LLA system, DSP

13.45 Integration of Astronomical Telescope and Weather Station with "Pi of the sky " experiment's astronomical system

Łukasz Koniusz <L.Koniusz@elka.pw.edu.pl>

Keywords: "Pi of the sky"; C++; CORBA; MEADE Telescope

14.00 The universal measurement system designed for environmental research

Wojciech Górecki <W.A.Gorecki@stud.elka.pw.edu.pl>

14.15 Concept of implementation CAN controller for OBDH module in FPGA

Paweł Lipka <lipka.pawel@gmail.com>

14.30 Project and realization of fast A/C D/C conversion channel using FPGA to analyze and process signals

Tomasz Janicki <tomasz.janicki.tj@gmail.com>

Keywords: Distributed systems

14.45 Test procedures of ASIM/MXGS Power Supply Controller

Andrzej Cichocki <acichock@gmail.com>

15.00 – 15.15 Café break

15.15 IV session:

15.15 Newbie and ISYP students

ISYP students:

1. **High precision integrating picoampmeter for photometry application. Software design for ATmega128 and PC.**
Maciej Fimiarz <fimek@wp.pl>
2. Bielawski Bartosz <B.Bielawski@stud.elka.pw.edu.pl>
3. Marcin Iwanowicz <M.Iwanowicz@elka.pw.edu.pl>
4. Michał Krzywda <pozyton@tlen.pl>
5. Robert Paciorek <Robert.Paciorek@n17.waw.pl>
6. Bartłomiej Radzik <bartlomiej-radzik@wp.pl>

Newbie:

1. Piotr Więckowski <piotr.wieckowski@gmail.com>