# Seminar of the Chair of Optimization and Control under prof. Denkowski & prof. Migórski summer semester 2015-2016, Thursday, 10:15 - 11:45, room 1177

# February 25, 2016

Anna Ochal, On a class of variational-hemivariational inequalities in reflexive Banach spaces, I.

#### March 3, 2016

Anna Ochal, On a class of variational-hemivariational inequalities in reflexive Banach spaces, II.

#### March 10, 2016

Anna Ochal, A penalty method for an elliptic variational-hemivariational inequality.

### March 17, 2016

Piotr Kalita, Boundary layer method for Rayleigh-Benard problem, part I, based on P. Constantin, C. Doering, Heat transfer in convective turbulence, Nonlinearity 9 (1996).

# March 24, 2016

The authorities has cancelled all teaching activities on that day.

#### March 31, 2016

Piotr Kalita, Boundary layer method for Rayleigh-Benard problem, part II.

#### April 7, 2016

Marta Kornafel, UEK Krakow, Ultraweak solution for control problems for differential equations with delay.

# **April 14, 2016**

Pawel Szafraniec, Existence and controllability for stochastic evolution inclusions of Clarke's subdifferential type.

# April 21, 2016

Liliana Klimczak, Existence and multiplicity of solutions for a nonlinear Neumann problem.

#### April 28, 2016

Maciej Smolka, AGH Krakow, On the advantage of Banach algebras in searching for the petroleum deposits.

# May 5, 2016

The talk "Asymptotyka czasowa dla inkluzji subróżniczkowych i ich dyskretyzacji" by Piotr Kalita is scheduled on 12:00, room 1016.

#### May 19, 2016

Tomasz Janiczko: An Error Analysis of a Numerical Method for a Dynamic Thermoviscoelastic Thermistor Problem, and Tomasz Służalec: On Solution of

a Variational-Hemivariational Inequality Modeling Contact Problem in Steady-State Heat Conduction, and Volodymyr Oleksiv: On Optimal Control Problems.

# May 26, 2016

This day is a holiday in Poland.

# June 2, 2016

There is no seminar on that day. We are at the conference ETAMM.

# June 9, 2016

Liliana Klimczak, Nieliniowe zagadnienia Neumanna dla operatorów typu p-Laplace'a.