

Maestro Seminar 2016/2017
Winter Semester
"Contact Mechanics"
Wednesday at 10:15 - 13:45
Room 1177

Prof. Migorski & dr hab. Ochal

□ **October 5, 2016**

Anna Kulig, Analysis of a dynamic viscoelastic contact problem with normal compliance, normal damped response and nonmonotone slip rate dependent friction.

□ **October 12, 2016**

Pawel Szafraniec, Well-posedness and optimal control of a hemivariational inequality for nonstationary Stokes fluid flow (1).

□ **October 19, 2016**

Pawel Szafraniec, Well-posedness and optimal control of a hemivariational inequality for nonstationary Stokes fluid flow (2). Krzysztof Bartosz, Existence for coupled pseudomonotone–strongly monotone systems and application to a Cahn–Hilliard model with elasticity (1).

□ **October 26, 2016**

Krzysztof Bartosz, Existence for coupled pseudomonotone–strongly monotone systems and application to a Cahn–Hilliard model with elasticity (2).

□ **November 9, 2016**

Biao Zeng, Existence of Solutions for Nonlinear Implicit Differential Equations: An Equilibrium Problem Approach (1).

□ **November 14, 2016, additional meeting 12:15-13:15, room 1177**

Guillaume Olive, Institut de Mathématiques de Bordeaux, Stabilization and controllability of an integro-differential transport equation.

□ **November 16, 2016**

Biao Zeng, Existence of Solutions for Nonlinear Implicit Differential Equations: An Equilibrium Problem Approach (1).

□ **November 23, 2016**

Biao Zeng, Existence of Solutions for Nonlinear Implicit Differential Equations: An Equilibrium Problem Approach (2).

□ **November 30, 2016**

Wiesław Grygierzec, Existence of General Random Variational Inequalities.

□ **December 7, 2016**

Tomasz Sluzalec, A unilateral contact problem with slip-dependent friction (cancelled).

□ **December 14, 2016**

Michał Jureczka, Analysis of a contact problem with wear and unilateral constraint.

□ **December 21, 2016**

There is no seminar on that day.

□ **January 4, 2017**

Tomasz Sluzalec, A unilateral contact problem with slip-dependent friction, I, Existence and uniqueness results.

□ **January 11, 2017**

Tomasz Sluzalec, A unilateral contact problem with slip-dependent friction, II, Numerical implementation.

□ **January 18, 2017**

Mateusz Gawlik, Pareto optimal control problem and its Galerkin approximation for a nonlinear one-dimensional extensible beam equation.