Seminar Partial Differential Equations
by dr hab. Ochal & prof. Zgliczynski
winter semester 2015-2016, Tuesday, 12:15 - 13:45, room 1016

October 6, 2015
Jacek Cyranka, Konstrukcja dwóch rozwiązań dla równania 2D eliptycznego Burgersa z wymuszeniem i stacjonarnego 2D (prawie) Naviera-Stokesa z wymuszeniem.

October 13, 2015
Piotr Kalita, Dyadic model for the three-dimensional Navier-Stokes equations.

October 20, 2015
Anna Ochal, Applications of a lemma on compensated compactness, I.

October 27, 2015
There is no seminar on that day.

November, 3, 2015
Anna Ochal, Applications of a lemma on compensated compactness, II.

November 10, 2015
Leszek Gasinski, Asymmetric (p,2)-equations with double resonance.

November 17, 2015
Szymon Myga, Istnienie i regularnosc rozwiazan rzeczywistego rownania Monge'a-Ampere'a, Part I. Based on G. de Philippis, A. Figalli, The Monge-Ampere equation and its link to optimal transportation".

November 24, 2015
Szymon Myga, Istnienie i regularnosc rozwiazan rzeczywistego rownania Monge'a-Ampere'a, Part II. Based on G. de Philippis, A. Figalli, The Monge-Ampere equation and its link to optimal transportation".

December 1, 2015
Marcin Bilski, O rozwiązaniach osobliwych równania quasi-geostroficznego, Part I. Based on: D. Chae, A. Cordoba, D. Cordoba, M. Fontelos: Finite time singularities in a 1D model of the quasi-geostrophic equation.

December 8, 2015
Marcin Bilski, O rozwiązaniach osobliwych równania quasi-geostroficznego, Part II.

December 15, 2015
Pawel Szafraniec, Concentration compactness principle.

December 22, 2015
TBA.

January 5, 2016
Pawel Szafraniec, Concentration compactness principle.

January 12, 2016
Piotr Zgliczynski, Transfer of energy to high frequencies in the cubic defocusing nonlinear Schrodinger equation, I.

January 19, 2016
Piotr Zgliczynski, Transfer of energy to high frequencies in the cubic defocusing nonlinear Schrodinger equation, II.

January 26, 2016
Piotr Zgliczynski, Transfer of energy to high frequencies in the cubic defocusing nonlinear Schrodinger equation, III.