MINICONFERENCE

Around Hardy and Poincaré inequalities

Faculty of Mathematics, Informatics and Mechanics, University of Warsaw

The purpose of the meeting is to present the recent developments of Hardy-Poincaré type inequalities and their applications.

$$\sum_{n=1}^{\infty} \left(\frac{a_1+a_2+\cdots+a_n}{n} \right)^p < \left(\frac{p}{p-1} \right)^p \sum_{n=1}^{\infty} a_n^p.$$

$$\int_0^{\infty} \left(\frac{1}{x} \int_0^x f(t) \, dt \right)^p dx < \left(\frac{p}{p-1} \right)^p \int_0^{\infty} f(x)^p \, dx.$$

Invited Speakers

Krzysztof Bogdan (Technical University of Wrocław): *"Hardy inequalities for semigroups"*

Bartomiej Dyda (Technical University of Wrocław): *"Fractional Hardy inequalites"*

Contributed talks will also be delivered

VENUE
Room No.- 2180, Faculty of Mathematics, Informatics and Mechanics, University of Warsaw (MIMUW),
ul. Banacha, Warszawa, Poland.
09:00 – 18:00 hrs.

ORGANIZERS
Agnieszka Kalamajska & Katarzyna Mazowiecka,
Faculty of Mathematics, Informatics and Mechanics, University of Warsaw (MIMUW),
http://www.mimuw.edu.pl/.

CONTACT
Faculty of Mathematics, Informatics and Mechanics,
University of Warsaw,
Agnieszka Kalamajska: kalamajs@mimuw.edu.pl,
Katarzyna Mazowiecka: k.mazowiecka@mimuw.edu.pl

May 14, 2014

Sponsored by Warsaw Center of Mathematics and Computer Science http://wcmcs.edu.pl/

Wydział Matematyki, Informatyki i Mechaniki
Uniwersytet Warszawski

Warsaw Center of Mathematics and Computer Science

Ministerstwo Nauki i Szkolnictwa Wyższego
KNOW Krajowy Naukowy Ośrodek Wiodący 2012-2017
KNOW - wcmcs.edu.pl

UNIWERSYTET WARSZAWSKI