

**Small Workshop on
Asymptotics of operator semigroups**

Centre International de Rencontres Mathématiques (CIRM) – Luminy
April 11 - 15, 2011

Organizers: Charles Batty (Oxford), Ralph Chill (Metz), Yuri Tomilov (Torun)

PROGRAM

Monday, April 11, 2011

Morning session

9³⁰-10³⁰ Markus Haase (Delft)
Convergence rates in ergodic theorems for operator semigroups

10³⁰-11⁰⁰ Break.

11⁰⁰-12⁰⁰ Hans Zwart (Twente)
Lyapunov equations for proving stability on Hilbert spaces I

12³⁰ **Lunch**

Afternoon session

15⁰⁰-16⁰⁰ Hans Zwart (Twente)
Lyapunov equations for proving stability on Hilbert spaces II

16⁰⁰-16³⁰ Break.

19³⁰ **Dinner**

Tuesday, April 12, 2011

Morning session

9³⁰-10³⁰ Kaïs Ammari (Monastir)
Stabilization of semigroups

10³⁰-11⁰⁰ Break.

11⁰⁰-12⁰⁰ Jaćek Banasiak (Durban)
Singularly perturbed structured McKendric population models.

12³⁰ **Lunch**

Afternoon session

15⁰⁰-16⁰⁰ Sebastian Król (Torun)
A resolvent characterization of cosine functions

16⁰⁰-16³⁰ Break.

16³⁰-17³⁰ Moritz Gerlach (Ulm)
Semigroups of kernel operators

19³⁰ **Dinner**

Wednesday, April 13, 2011

Morning session

9³⁰-10³⁰ Zoltan Leka (Beer-Sheva)
Time regularity and functions of the Volterra operator

10³⁰-11⁰⁰ Break.

11⁰⁰-12⁰⁰ Adam Bobrowski (Lublin)
Convergence of fast-neurotransmitter semigroups with singular perturbation of boundary conditions

12³⁰ **Lunch**

Free afternoon

Thursday, April 14, 2011

Morning session

9³⁰-10³⁰ Alexander Borichev (Marseille)
Boundary uniqueness of harmonic functions and spectral subspaces of operator groups

10³⁰-11⁰⁰ Break.

11⁰⁰-12⁰⁰ Sophie Grivaux (Lille)
Hilbertian Jamison sequences and applications

12³⁰ **Lunch**

Afternoon session

15⁰⁰-16⁰⁰ Vladimir Muller (Prague)
On distributionally irregular vectors

16⁰⁰-16³⁰ Break.

16³⁰-17³⁰ Catalin Badea (Lille)
Harnack ordering for Hilbert space operators

19³⁰ **Dinner**

Friday, April 15, 2011

Morning session

9³⁰-10³⁰ Jan van Neerven (Delft)
A maximal estimate for stochastic convolutions

10³⁰-11⁰⁰ Break.

11⁰⁰-12⁰⁰ Lutz Weis (Karlsruhe)
tba

12³⁰ **Lunch**

END