

**Septièmes journées “Besançon-Neuchâtel”
d’Analyse Fonctionnelle.**

Besançon, du 20 au 23 juin 2017.

Daily Schedule.

Tuesday June 20

10:30 - 12:00 : Registration - Welcome (coffee room of the L.M.B.).

12:00 - 13:30 : Lunch break.

13:30 - 14:20 : **Tim de Laat (Universität Münster)**

Obstructions to coarse embeddability of expanders into Banach spaces.

14:30 - 14:50 : **Catalin Badea (Université de Lille)**

Groups with property (T): an operator-theoretic point of view.

15:00 - 15:20 : **Soyoung Moon (Université Bourgogne Franche-Comté)**

Homogeneous actions on Random Graph.

15:20 - 15:50 : Coffee break.

15:50 - 16:40 : **Masato Mimura (École Polytechnique Fédérale de Lausanne)**

Intrinsic upgrades of fixed points without bounded generation.

16:50 - 17:10 : **Michal Doucha (Czech Academy of Sciences)**

Global aspects of unitary representations.

17:20 - 17:40 : **Loïc Demeulenaere (Université de Liège)**

Diametral dimension(s) and prominent bounded sets.

Wednesday June 21

9:00 - 9:50 : **Romain Tessera (CNRS - Université Paris-Sud)**

Gromov's monsters do not act on hyperbolic spaces.

10:00 - 10:20 : **Marek Cúth (Charles University - Prague)**

Finitely additive measures and complementability of Lipschitz-free spaces.

10:20 - 10:50 : Coffee break.

10:50 - 11:10 : **James Kilbane (University of Cambridge)**

On embeddings of finite subsets of ℓ_p .

11:20 - 11:40 : **Sebastián Lajara (Universidad de Castilla-La Mancha)**

Operator ranges and quasi-complemented subspaces of Banach spaces.

11:50 - 12:10 : **Wilson Cuellar Carrera (Universidade de São Paulo)**

About ergodic and complementably universal Banach spaces.

12:10 - 13:30 : Lunch break.

13:30 - 14:20 : **Thomas Schlumprecht (Texas A&M University)**

Not every infinite dimensional Banach space coarsely contains Hilbert space.

14:30 - 14:50 : **Ondřej Kurka (Charles University and Czech Academy of Sciences)**

Tsirelson-like spaces and complexity questions in Banach space theory.

15:00 - 15:20 : **Eva Pernecká (Institute of Math., Polish Academy of Sciences)**

Weak sequential completeness of Lipschitz-free spaces.

15:20 - 15:50 : Coffee break.

15:50 - 16:40 : **Matías Raja Baño (Universidad de Murcia)**

Nonlinear maps motivated by linear properties.

16:50 - 17:10 : **Abraham Rueda Zoca (Universidad de Granada)**

Preservance of octahedrality and strong diameter two property by tensor product spaces.

Thursday June 22

9:00 - 9:50 : **Christian Rosendal (University of Illinois at Chicago)**

Coarse equivalence, topological couplings and a theorem of Gromov.

10:00 - 10:20 : **Tommaso Russo (Università degli Studi di Milano)**

Some remarks on smooth renormings of Banach spaces.

10:20 - 10:50 : Coffee break.

10:50 - 11:10 : **Michael Dymond (Universität Innsbruck)**

Mapping n grid points onto a square forces an arbitrarily large Lipschitz constant.

11:20 - 11:40 : **Matěj Novotný (Czech Tech. University, Czech Acad. of Sciences)**

Distortion of Lipschitz functions on $c_0(\Gamma)$.

11:50 - 12:10 : **Jarno Talponen (University of Eastern Finland)**

Decomposing varying exponent L^p norms in the sense of Nakano by ODE techniques.

12:10 - 13:30 : Lunch break.

13:30 - 14:20 : **Gilles Godefroy (CNRS - Institut de Mathématiques de Jussieu)**

Closed subspaces of L^1 consisting of continuous functions.

14:30 - 14:50 : **Colin Petitjean (Université Bourgogne Franche-Comté)**

Lipschitz-free spaces and Schur properties.

15:00 - 15:20 : **Luis Carlos García Lirola (Universidad de Murcia)**

A characterization of the Daugavet property in spaces of Lipschitz functions.

15:20 - 15:50 : Coffee break.

15:50 - 16:40 : **Mikael de la Salle (CNRS - École Normale Supérieure de Lyon)**

Banach space actions and L^2 -spectral gap.

16:50 - 17:10 : **Jan-David Hardtke (Freie Universität Berlin)**

On certain geometric properties in Banach spaces of vector-valued functions.

20:00: **Conference Diner at the restaurant “La Charette”**

Friday June 23

9:30 - 9:50 : **Willian Corrêa (Universidade de São Paulo)**

Twisting Operator Spaces.

10:00 - 10:20 : **Christian Bargetz (Universität Innsbruck)**

A Fréchet space of almost universal disposition.

10:20 - 10:50 : Coffee break.

10:50 - 11:10 : **Jason Hancox (Lancaster University)**

Isometry C^* -bialgebras and their Lévy processes.

11:20 - 12:10 : **Ana Khukro (Université de Neuchâtel)**

Geometry of finite quotients of groups.

12:10 - 13:30 : Lunch break.

END OF THE CONFERENCE