

**REVISED SCHEDULE, AS OF APRIL 25.
WHITNEY WORKSHOP, BANFF 2013**

**All morning sessions will be held in Room 202,
all afternoon sessions will be held in Room 201.**

**Room 201 has a lecture recording system,
and all afternoon lectures can be recorded.**

Time after 4 pm is reserved for discussions.

MONDAY, APRIL 22.

- 09:00 – 10:00 **Kevin Luli.** Computational Aspects of the Sobolev Extension Problem: Part 1.
- 10:00 – 10:30 Coffee break
- 10:30 – 11:30 **Arie Israel.** Computational Aspects of the Sobolev Extension Problem: Part 2.
- 11:30 – 01:30 Lunch break
- 01:30 – 02:30 **Charles Fefferman.** Finiteness Principle I.
- 02:30 – 03:00 Coffee break
- 03:00 – 04:00 **Charles Fefferman.** Finiteness Principle II.

TUESDAY, APRIL 23.

- 09:00 – 10:00 **Nahum Zobin.** Sobolev extension domains, I (with Pavel Shvartsman). NOTE THE CHANGE OF TOPIC!
- 10:00 – 10:30 Coffee break
- 10:30 – 11:30 **Andreea Nicoara.** A Nullstellensatz for Lojasiewicz Ideals.
- 11:30 – 01:30 Lunch break
- 01:30 – 02:30 **Charles Fefferman.** Finiteness Principle III.
- 02:30 – 03:00 Coffee break
- 03:00 – 04:00 **Charles Fefferman.** Whitney problems for Sobolev functions.

WEDNESDAY, APRIL 24.

- 09:00 – 10:00 **Ignacio Uriarte-tuero.** Two conjectures of Astala on distortion of sets under quasiconformal maps and related removability problems. NOTE THE CHANGE OF SPEAKER!
- 10:00 – 10:30 Coffee break
- 10:30 – 11:30 **Nahum Zobin.** Sobolev extension domains, II (with Pavel Shvartsman). NOTE THE CHANGE OF SPEAKER!
- 11:30 – 01:30 Lunch break
- 01:30 – 02:30 **Pavel Shvartsman.** Extensions of BMO-functions and fixed points of contractive mappings in L_2 , I. NOTE THE CHANGE OF TIME!
- 02:30 – 03:00 Coffee break
- 03:00 – 04:00 **Pavel Shvartsman.** Extensions of BMO-functions and fixed points of contractive mappings in L_2 , II. NOTE THE CHANGE OF TIME!

THURSDAY, APRIL 25

- 09:00 – 10:00 **Erwan LeGruyer.** Some results on minimal Lipschitz extensions for m -jets from \mathbb{R}^D to \mathbb{R}^n under restrictive assumptions (with Matthew Hirn).
- 10:00 – 10:30 Coffee break
- 10:30 – 11:30 Discussions. NOTE THE CHANGE!
- 11:30 – 01:30 Lunch break
- 01:30 – 02:30 **Yosef Yomdin.** Fourier sampling of piecewise-smooth functions, Johnson-Lindenstrauss lemma, and Turan-Nazarov inequality (with D. Batenkov). NOTE THE CHANGE OF DAY AND TIME!
- 02:30 – 03:00 Coffee break
- 03:00 – 04:00 **Ritva Hurri-Syrjanen.** On fractional Poincare and Hardy inequalities (with Antti V. Vahakangas). NOTE THE CHANGE OF TIME!

FRIDAY, APRIL 26

- 09:00 – 10:00 Discussions.
- 10:00 – 10:30 Coffee break
- 10:30 – 11:30 Discussions.
- 11:30 – 01:30 Lunch