

The Arithmetic of Structured Ring Spectra Rosendal, August 19th-28th 2005

Last updated: August 12th

Friday August 19th

- 16:00 (sharp!) Meet in entry hall of Bergen Airport Flesland (BGO) with Kjartan Pettersen of Rosendal Turist Service.
- 16:15 - 18:15 Bus to Hjellevstad Marina, MS Fjord Express to Rosendal quay, bus or 10 minute walk to Rosendal barony.
- 19:00 - 20:00 Dinner

Saturday August 20th

- 08:00 - 09:00 Breakfast
- 09:15 - 10:15 J. Peter May: Ancient history and Thom Thom spectra
- 10:45 - 11:45 Jacob Lurie: Elliptic cohomology and derived algebraic geometry
- 12:00 - 13:00 Lunch
- 14:15 - 15:15 Bertrand Toën: Moduli of objects in a stable homotopy theory
- 15:30 - 16:00 Cake
- 16:00 - 17:00 Maria Basterra: Obstruction theory for E_n structures on spectra
- 17:30 - 18:30 Birgit Richter: A lower bound for coherences on the Brown-Peterson spectrum
- 19:00 - 20:00 Dinner

Sunday August 21st

- 08:00 - 09:00 Breakfast
- 09:15 - 10:15 Christian Ausoni: Algebraic K-theory of ring spectra and Bott periodicity
- 10:45 - 11:45 Andrew Blumberg: A localization sequence for $K(ku)$
- 12:00 - 13:00 Lunch
- 14:15 - 15:15 Jack Morava: Towards a motivic fundamental group of S^0
- 15:30 - 16:00 Cake
- 16:00 - 17:00 Bob Bruner: Differentials in the homological homotopy fixed point spectral sequence
- 17:30 - 18:30 Sverre Lunøe-Nielsen: A homological approach to topological cyclic theory
- 19:00 - 20:00 Castle tour
- 20:00 - 21:00 Festive dinner

Monday August 22nd

- 08:00 - 09:00 Breakfast
- 09:00 - 10:00 Neil Strickland: Power operations, and buildings for formal groups
- 10:15 - 11:15 Imma Galvez: On the Witten genus and quasimodular forms
- 11:30 - 12:30 Mike Mandell: THH of Waldhausen categories
- 12:45 - 13:45 Lunch
- 14:00 - 18:30 Excursion to Maurangerfjorden, Sundal and Bondhusdalen.
- 19:00 - 20:00 Dinner
- 20:30 - 21:30 Mark Hovey: Comments on Freyd's generating hypothesis

Tuesday August 23rd

- 08:00 - 09:00 Breakfast
09:15 - 10:15 Christian Schlichtkrull: Cyclic algebraic K-theory and the cyclotomic trace
10:45 - 11:45 Sarah Whitehouse: On the $K_{(p)}$ -local stable homotopy category
12:00 - 13:00 Lunch
14:15 - 15:15 Bjørn Dundas: Higher topological cyclic homology
15:30 - 16:00 Cake
16:00 - 17:00 Vignleik Angeltveit: Topological Hochschild cohomology of Morava K-theory
17:30 - 18:30 Samuel Wuethrich: Multiplicative structures on I-adic towers
19:00 - 20:00 Dinner

Wednesday August 24th

- 08:00 - 09:00 Breakfast
09:15 - 10:15 Ethan Devinatz: Homotopy groups of homotopy fixed point spectra associated to E_n
10:45 - 11:45 Daniel Davis: Iterated Homotopy Fixed Points for the Lubin-Tate spectrum
12:00 - 13:00 Lunch
14:15 - 15:15 Halvard Fausk: Stable equivariant homotopy theory for pro-finite groups
15:30 - 16:00 Cake
16:00 - 17:00 John Greenlees: Brave new commutative algebra and modular representation theory
17:30 - 18:30 Gunnar Carlsson: Some ideas on the K-theory of fields
19:00 - 20:00 Dinner

Thursday August 25th

- 07:00 - 09:00 Breakfast
08:00 - 10:15 Bus departure from Avlsgården to Rosendal quay, MS Fjord Express to Hjellevstad Marina, and bus to Bergen airport. Arrival BGO by 10:15.
09:00 Bus departure to Sunndal in Maurangerfjorden.
09:30 - Hike up "Keiserstien" to Fonnabu.

Friday August 26th

Hike across Folgefonna to Holmaskjer.

Saturday August 27th

- Hike down to Tokheim (Odda) in Sørfjorden.
17:00(?) Bus to Rosendal.
19:00 Dinner

Sunday August 28th

- 07:00 - 08:00 Breakfast
08:00 - 10:15 Bus departure from Avlsgården to Rosendal quay, MS Fjord Express to Hjellevstad Marina, and bus to Bergen airport. Arrival BGO by 10:15.