

**SCHEDULE FOR WORKSHOP ON
MAGNITUDE 2019: ANALYSIS, CATEGORY THEORY, APPLICATIONS
INTERNATIONAL CENTRE FOR MATHEMATICAL SCIENCES (BAYES CENTRE), EDINBURGH
4-5/7-2019**

Thursday 4/7	Friday 5/7
10.00-10.15 Opening	9.00-10.00 Michael Shulman <i>Introduction to magnitude homology</i>
10.15-11.00 Tom Leinster <i>An overview of magnitude</i>	10.00-10.20 Coffee break
11.05-11.50 Mark Meckes <i>The magnitude of an infinite metric space</i>	10.20-10.50 Nina Otter <i>Magnitude meets persistence. What happens after?</i>
12.00-12.30 Anthony Carbery <i>On the magnitudes of some compact sets in Euclidean spaces – focusing on the boundary</i>	11.00-11.30 Dejan Govc <i>Rips magnitude</i>
12.30-13.30 Lunch in the Bayes Centre	11.40-12.20 Problem session <i>Theme: Analysis</i>
13.30-14.00 Simon Willerton <i>Magnitude of odd balls</i>	12.20-13.20 Lunch in the Bayes Centre
14.10-15.10 Anders and Jana Björn <i>Capacities: What are they and what are they good for</i>	13.20-14.00 Problem session <i>Theme: Homology</i>
15.10-15.30 Coffee break	14.05-14.35 Kiyonori Gomi <i>Magnitude homology of geodesic spaces</i>
15.30-16.00 Ritva Hurri-Syrjänen <i>On capacity estimates</i>	14.40-15.10 Masahiko Yoshinaga <i>A threshold of length in magnitude homology</i>
16.10-16.40 Magnus Goffeng <i>The magnitude function of domains, part I</i>	15.15-15.30 Bino Nolting <i>Recovery of piecewise linear closed curves as subspaces of \mathbb{R}^2</i>
16.45-17.15 Nikoletta Louca <i>The magnitude function of domains, part II</i>	15.30-16.00 Coffee break
17.30-18.00 Emily Roff <i>The maximum diversity of a compact metric space</i>	16.00-16.30 Yasuhiko Asao <i>Magnitude homology of CAT(k)-spaces</i>
19.00- Workshop dinner at Beirut	16.45-17.15 Richard Hepworth <i>Magnitude homology: Opinions and speculations</i>

Lectures take place in Seminar Room G.03, Bayes Centre, University of Edinburgh
The workshop dinner is in the restaurant Beirut.
Lunch will take place at the Bayes Centre.