

Calculus of Variations - old problems and new directions:
celebrating Jan Kristensen's academic life on the occasion of his 60th birthday

Monday 17 – Friday 21 February 2025

The programme is subject to change. All times are Greenwich Mean Time (GMT).

MONDAY 17 FEBRUARY	
09.00-09.30	Registration and refreshments
09.30-09.45	Welcome and housekeeping
10.00-10.45	John Ball , Heriot-Watt University <i>Complex martensitic microstructures in $Ti_{76}Nb_{22}Al_2$</i>
10.45-11.15	Refreshments
11.15-12.00	Giuseppe Mingione , University of Parma <i>Nonuniformly elliptic Schauder theory</i>
12.00-12.45	Bernd Kirchheim , Mathematisches Institut, University Leipzig <i>Functional convexity</i>
12.45-14.45	Lunch
14.45-15.30	Verena Bögelein , University of Salzburg <i>Higher integrability for sub-critical porous medium type systems</i>
15.30-16.00	Refreshments
16.00-16.45	Thomas Schmidt , University of Hamburg <i>Linear-growth Variational Integrals with Measures</i>
17.00-18.00	Welcome reception hosted at ICMS

TUESDAY 18 FEBRUARY	
10.00-10.45	Frank Duzaar , University of Salzburg <i>Regularity for (s, p)-harmonic functions</i>
10.45-11.15	Refreshments
11.15-12.00	Judith Campos Cordero , UNAM <i>A short tale on regularity theory, Gårding inequalities, and uniqueness results for quasiconvex integrals</i>
12.00-12.45	Lukas Koch , University of Sussex <i>Entropic optimal transport via almost-minimality</i>
12.45-14.45	Lunch
14.45-15.30	Andrea Cianchi , University of Florence <i>Riesz potential estimates and optimal sobolev inequalities for canceling operators</i>
15.30-16.00	Refreshments
16.00-16.45	Menita Carozza , University of Sannio <i>Energy approximation for some double phase functionals</i>
16.45-17.30	Georg Dolzmann , University of Regensburg <i>Representation of the convex hull of a function</i>

WEDNESDAY 19 FEBRUARY	
10.00-10.45	Paolo Marcellini , University of Florence <i>Subcritical growth appears to be a context for a real challenge on quasiconvexity</i>
10.45-11.15	Refreshments
11.15-12.00	Bogdan Raita , Georgetown University <i>Recent developments in A-quasiconvexity</i>
12.00-12.45	André Guerra , ETH Zurich <i>Harmonic maps and the vectorial obstacle problem</i>
12.45	Lunch and free afternoon

THURSDAY 20 FEBRUARY	
10.00-10.45	Tuomo Kuusi , University of Helsinki <i>Superdiffusion for Brownian motion with incompressible random drift</i>
10.45-11.15	Refreshments
11.15-12.00	Kari Astala , University of Helsinki <i>Principal maps, Burkholder functionals and quasiconvexity</i>
12.00-12.45	Daniel Faraco , U. Autónoma de Madrid <i>Lower semicontinuity and Principal maps</i>
12.45-14.45	Lunch
14.45-15.30	Lisa Beck , U Augsburg <i>Gradient integrability for bounded BD-minimizers</i>
15.30-16.00	Refreshments
16.00-16.45	Christopher Irving , Technical University Dortmund <i>Universality of singular renormalisable harmonic mappings in 2D</i>
16.45-17.30	Antonia Passarelli di Napoli , University of Napoli "Federico II" <i>A priori bounded minimizers of functionals with non standard growth</i>
18.30	Workshop dinner hosted at Apex Grassmarket Hotel

FRIDAY 21 FEBRUARY	
10.00-10.45	Zhuolin Li , MPI for Mathematics in the Sciences <i>Regularity for A-quasiconvex variational problems</i>
10.45-11.15	Refreshments
11.15-12.00	Ali Taheri , University of Sussex <i>Talk Title TBC</i>
12.00-12.45	Irene Fonseca , Carnegie Mellon University <i>Phase Separation in Heterogeneous Media</i>
12.45	Lunch and end of workshop