

## HMIGCA-18 timetable, revised 12 June

	Sunday Pavilion	Monday Maxwell	Tuesday Maxwell	Wednesday Salmon	Thursday Maxwell
9.30–11.00		JH	JH	JDB	JDB
11.00–11.30		coffee	coffee	coffee	coffee
11.30–13.00		GR	GR	DG	DM
13.00–14.00		lunch	lunch	lunch	discussions
14.00–15.30		DM	DG	NG	
				ZT	
				problems	
15.30		coffee	coffee	coffee	
16.00		SB	EP	problems	
16.30		PK	RUG		
17.00	CKY	RK			
18.00	Reception				

JH: John Harer. Topological data analysis.

GR: Günter Rote. The computational geometry of congruence testing.

DM: David Mount. Multi-dimensional geometric approximation.

DG: David Gu. Discrete surface Ricci flow and optimal mass transportation.

JDB: Jean-Daniel Boissonnat. Building good triangulations.

SB: Sonia Balagopalan. Small triangulations of projective spaces: computational aspects.

PK: Plamen Koev. Accurate eigenvalues and SVDs of (singular) totally nonnegative matrices and applications to computer-aided geometric design.

CKY: Chee-Keng Yap. Soft foundations for geometric computation.

EP: Evanthia Papadopoulou. Deletion in abstract Voronoi diagrams in expected linear time.

RUG: R.U. Gobithaasan. The approximation of generalized log-aesthetic curves with cubic trigonometric Bézier functions.

RK: Rolf Klein. Geometric firefighting.

NG: Nikos Georgiou. The space of oriented geodesics in 3-dimensional real space forms.

ZT: Zak Tonks. Cylindrical algebraic decomposition: algorithmic real algebraic geometry.