

BIGW: Geometric Variational Problems – 24th - 28th August 2026 – Devon – Schedule

	Mon, 24 Aug	Tue, 25 Aug	Wed, 26 Aug	Thu, 27 Aug	Fri, 28 Aug
8:00-9:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00-9:15	Introduction to topic 2	Introduction to topic 3			
9:15-10:15	Talk 2.1 <i>The inequalities of Willmore, Fenchel, and Li-Yau</i>	Talk 3.1 <i>Existence and almost-minimality of perimeter</i>	Talk 1.3 <i>Lyapunov–Schmidt constructions</i>	Talk 2.5 <i>Topping’s diameter bound and a priori disconnectedness of solutions to Plateau’s problem</i>	Talk 1.5 <i>Min–max, phase-transition spectra, and p-widths</i>
10:45-11:45	Talk 2.2 <i>Monotonicity identity for varifolds</i>	Talk 3.2 <i>Almgren’s regularity and almost-monotonicity for perimeter ratios</i>	Talk 1.4 <i>Regularity theory for transition layers</i>	Talk 2.6 <i>Relating short closed geodesics and the Willmore energy</i>	Talk 3.6 <i>Summary, generalizations & future directions</i>
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:15	Introduction to topic 1				Talk 1.6 <i>Outlook and open problems</i>
13:15-14:15	Talk 1.1 <i>Introduction to the Allen–Cahn equation</i>	Talk 2.3 <i>Poincaré and Reilly inequality</i>	Talk 3.3 <i>Conical blowups & Taylor’s cone classification</i>	Talk 3.4 <i>Rigidity for double bubbles</i>	Workshop ends at 14:00
14:45-15:45	Talk 1.2 <i>Weak convergence to minimal hypersurfaces</i>	Talk 2.4 <i>Brendle’s Sobolev inequality</i>	Free afternoon	Talk 3.5 <i>Sullivan’s conjecture</i>	
19:00-20:00	Dinner	Dinner	Dinner	Dinner	