

Swansea Summer School in Nonlinear PDEs

1 – 5 July 2024, Swansea University

Minicourse lecturers

Martino Bardi (Università degli Studi di Padova, Italy)

Fully nonlinear degenerate elliptic equations: qualitative properties of viscosity solutions

Serena Dipierro (University of Western Australia)

Nonlocal equations and applications

Louis Jeanjean (Université de Franche-Comté, France)

On nonlinear quantum graphs

Enrico Valdinoci (University of Western Australia)

Nonlocal minimal surfaces and phase transitions

Jean Van Schaftingen (UCLouvain, Belgium)

Sobolev mappings into manifolds

Guest lecturers

John Ball (Heriot-Watt University)

Juan Davilla (University of Bath)

Nicolas Dirr (Cardiff University)

Xue-Mei Li (Imperial College London)

Florian Theil (University of Warwick)

Zoe Wyatt (University of Cambridge)

Organizers

Elaine Crooks (Swansea), **Federica Dragoni** (Cardiff), **Vitaly Moroz** (Swansea)



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