## AARMS-PIMS Summer School in Differential Equations and Numerical Analysis

July 6 - 31, 2015 Dalhousie University Halifax, Nova Scotia

## Courses

Course 1: Waves and patterns in nonlinear systems

Instructors: Andrea Bertozzi (UCLA) and Ricardo Carrettero (San Diego State University)

Course 2: Topics in reaction-diffusion systems: theory and applications

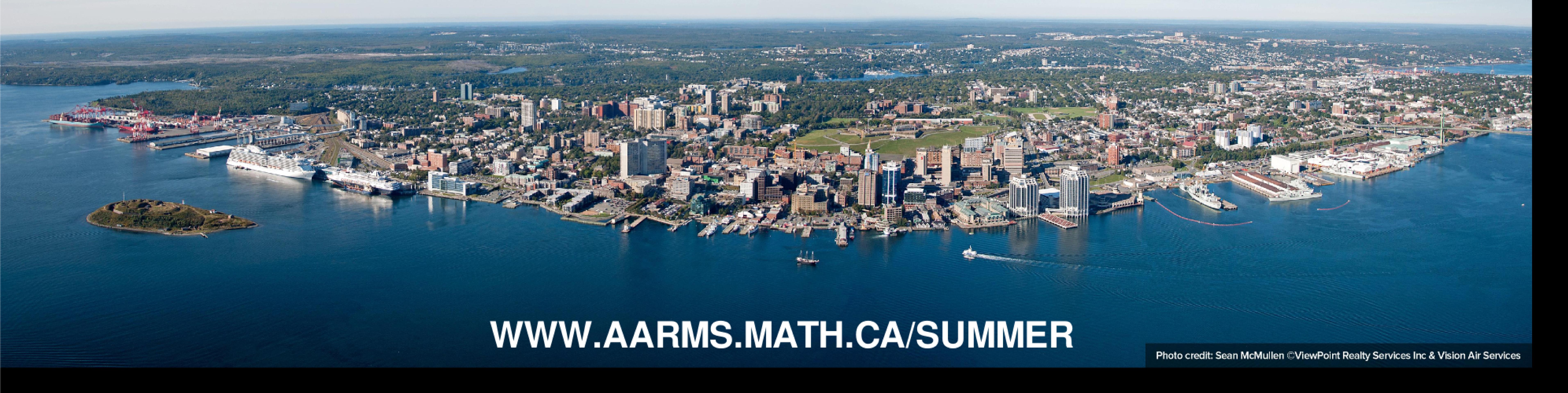
Instructors: Michael Ward and Juncheng Wei (both from UBC)

Course 3: Structure-preserving discretization of differential equations

Instructors: Elena Celledoni and Brynjulf Owren (both from Norwegian U. of Science and Technology)

Course 4: Numerical analysis of singularly perturbed ODEs and PDES

Instructor: Martin Stynes (National University of Ireland and Beijing Computational Science Research Ctr)



Associated Workshops

Bluenose Applied and Computational Math Days: July 11-12
Workshop on Pattern Formation in Differential Equations: July 18-19
Workshop on Domain Decomposition Methods for PDEs: Aug 3-7







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