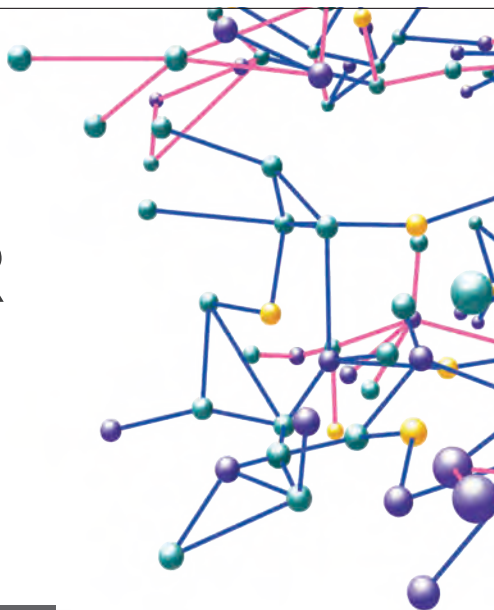


# 11th annual AMSI SUMMER SCHOOL in the Mathematical Sciences



**Modular forms  
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Wadim Zudilin (University of Newcastle)

**Measure theory**  
Marty Ross

**Solitons, instantons, Lax pairs  
and twistors**  
Omar Foda (University of Melbourne)

**Numerical solution of conservation  
laws and hyperbolic linear systems**  
Markus Hegland and Stephen Roberts  
(Australian National University)

**Complex networks**  
Stephen Davis (RMIT)

**7 Jan to 1 Feb 2013  
University of Melbourne**

**Structured Markov models and  
control theory. A unified approach  
via linear algebra**  
Yoni Nazarathy (University of Queensland)

**Methodology and theory for  
the bootstrap; Introduction to  
nonparametric regression and  
functional data**  
Aurore Delaigle and Peter Hall  
(University of Melbourne)

**Mathematical epidemiology:  
stochastic models and their  
statistical calibration  
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Joshua Ross (University of Adelaide)

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