

MASDOC-EQUIP Short Course on Bayesian Methods for Inverse Problems

1-2 June 2015

Organisers: Charlie Elliott and Andrew Stuart

PROGRAMME

All lectures will be held in Room MS.03

Monday 1st June 2015

09:15-10:45 **Daniela Calvetti** (Case Western Reserve) *Lecture 1*

10:45-11:30 Coffee/Tea in the Mathematics Common Room

11:30-13:00 **Daniela Calvetti** (Case Western Reserve) *Lecture 2*

13:00-14:30 Lunch in Room B3.01

14:30-15:30 **John Bardsley** (Montana)

Sampling Methods for Uncertainty Quantification in Inverse Problems

15:30-16:15 Coffee/Tea in the Mathematics Common Room

Tuesday, 2nd June 2015

09:15-10:45 **Erkki Somersalo** (Case Western Reserve) *Inverse Crimes, Model Discrepancy and Statistical Error Modeling I*

10:45-11:30 Coffee/Tea in the Mathematics Common Room

11:30-13:00 **Erkki Somersalo** (Case Western Reserve) *Inverse Crimes, Model Discrepancy and Statistical Error Modeling II*

13:00-14:30 Lunch in Room B3.01

14:30-15:30 **Tapio Helin** (Helsinki)

Maximum a posteriori estimates in Bayesian inversion

15:30-16:15 Coffee/Tea in the Mathematics Common Room

16:30-17:30 **Hanne Kekkonen** (Helsinki)

Title TBC



WMI



THE UNIVERSITY OF
WARWICK