

# Reading-Warwick Data Assimilation Day

## Friday December 4<sup>th</sup> 2009

Organisers: Chris Jones and Andrew Stuart (Warwick)

*All talks will be in the Mathematics Institute, Zeeman Building,  
in the lecture rooms shown below*

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|---------------------|---|
| 10:00–10:30         | Tea and Coffee in the Mathematics Institute Common Room   |
| 10:30–11:00 (B3.02) | <b>Stephen Haben</b> (Reading)<br><i>Conditioning of variational data assimilation</i>  |
| 11:00–11:30 (B3.02) | <b>Sanita Vetra</b> (Reading)<br><i>Ensemble data assimilation in the presence of cloud</i>   |
| 11:30–12:00 (B3.02) | <b>Caroline Boess</b> (Reading)<br><i>Model order reduction methods for state estimation</i>  |
| 12:00–13:00 (B3.02) | <b>Peter Jan van Leeuwen</b> (Reading)<br><i>Data assimilation in highly nonlinear large dimensional systems: how to beat the curse of dimensionality in particle filtering</i> |
| 13:00–14:00         | Lunch in the Mathematics Institute Common Room  |
| 14:00–14:30 (MS.04) | <b>Simon Cotter</b> (Warwick)<br><i>Model error in dissipative systems</i>  |
| 14:30–15:00 (MS.04) | <b>Damon McDougall</b> (Warwick)<br><i>Model error in wave propagation problems</i>   |
| 15:00–15:30 (MS.04) | <b>Masoumeh Dashti</b> (Warwick)<br><i>Bayesian approach to an elliptic inverse problem</i>   |
| 15:30–16:00         | Tea and Coffee in the Common Room   |

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*If you have any questions during the workshop please see either  
Hazel Higgins or Yvonne Collins in Room B1.37 opposite the Common Room*