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UNIVERSITY OF
CAMBRIDGE

DAMTP, CMS, Cambridge CB3 0WA

Fourteenth Cambridge/Oxford Applied Mathematics Meeting[†]
Tuesday 16 June 2009 in MR2, CMS.

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| 10.45-11.05 | <i>Morning Coffee</i> | |
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| 11.10-11.15 | Ed Brambley | Introduction and Timekeeping |
| 11.15-11.30 | Phil Trinh | The Existence and Nonexistence of Splashless Ships |
| 11.30-11.45 | Chris Cawthorn | Continuum Modelling of Granular Flows |
| 11.45-12.00 | Martin Stoll | Design Optimization |
| 12.00-12.15 | Doug Speed | Detecting Interactions in High Dimensional Regression Problems |
| 12.15-12.30 | Thomas Woolley | How the Fish Got its Spots |
| 12.30-12.45 | Julien Landel | Fast Rising Spherical Cap Bubbles with a Toroidal Bubbly Wake |
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| 13.00-14.00 | <i>Lunch</i> | |
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| 14.05-14.20 | Philip Blakely | Bondi–Hoyle–Lyttleton accretion |
| 14.20-14.35 | Dave Hewett | Bangs and Reverberations: Sound Propagation in an Urban Environment |
| 14.35-14.50 | Anthony Ashton | A Pseudodifferential Approach to Fluid Loaded Elastic Plates |
| 14.50-15.05 | Cameron Hall | Revenge of the Blob: a Story about Growth |
| 15.05-15.20 | Adrian Barker | Tidal Evolution of Hot Jupiters |
| 15.20-15.35 | Rodrigo Platt | Computing Functions with Chebfun |
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| 15.40-15.55 | <i>Afternoon Tea</i> | |
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| 16.00-16.15 | Konstantinos Zygalakis | Applications of Modified Equations for SDEs |
| 16.15-16.30 | Rosie Robison | The Distortion of Turbulence near a Rotor |
| 16.30-16.45 | Rebecca Shipley | From Fractals to Drug Delivery |
| 16.45-17.00 | Rich Wood | Jets on Jupiter |
| 17.00-17.15 | Trevor Wood | The Hunt for Red October: Mathematical Modelling of Submarine Tracking |
| 17.15-17.30 | Knut Drescher | Dancing Volvox: Hydrodynamic Bound States of Swimming Algae |
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| 17.30-17.35 | Prof. Amit Acharya & Prof. Graeme Wake | Judging and Stuffed toys |
| 17.35-Coach | <i>Refreshment in the Castle Pub (10 mins walk)</i> | |

EJB, JRO.

[†] This programme is on the WWW with URL <http://www.damtp.cam.ac.uk/user/seminars/oxbridge/>