LMS ANNUAL GENERAL MEETING

Friday 11 November 2016

BMA House, Tavistock Square, London WC1H 7JP

Programme – Annual General Meeting, Black Suite

15.00	Opening of the Meeting & Society Business
15.30	**Alan R. Champneys (Bristol)**
	Title: TBC
16.30	Coffee/Tea
16.55	Election results
17.00	**S. Jon Chapman (Oxford) – Naylor Lecture**

Asymptotics beyond all orders: the devil's invention?

"Divergent series are the invention of the devil, and it is shameful to base on them any demonstration whatsoever." — N. H. Abel.

The lecture will introduce the concept of an asymptotic series, showing how useful divergent series can be, despite Abel's reservations. We will then discuss Stokes' phenomenon, whereby the coefficients in the series appear to change discontinuously. We will show how understanding Stokes phenomenon is the key which allows us to determine the qualitative and quantitative behaviour of the solution in many practical problems. Examples will be drawn from the areas of surface waves on fluids, crystal growth, dislocation dynamics, localised pattern formation, and Hele-Shaw flow.

18.00	Close of meeting
18.15	Wine reception at BMA House, Paget Suite

The meeting will include the presentation of certificates to all 2016 LMS prizewinners.

The meeting will be followed by a reception as well as the Society's Annual Dinner, which will also be held at BMA House.

For further details about the AGM, please contact Elizabeth Fisher (lmsmeetings@lms.ac.uk)

The cost to attend the dinner is £53 per person. To book, please Carol Chessis by Friday 28th October: AnnualDinner_RSVP@lms.ac.uk