

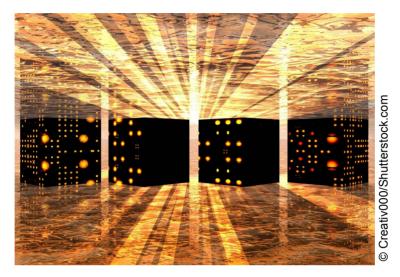


LMS Computer Science Colloquium

High Performance Scientific Computing at the Exascale

Tuesday 11 October, 10.30 - 16.30

De Morgan House, 57-58 Russell Square, London, WC1B 4HS. (Nearest tube: Russell Square)



The aims of the meeting are to showcase state of the art scientific computing applications, to identify some of the challenges posed by next generation high performance machines and indicate promising approaches to tackling the problem.

Marc Snir (Illinois)

Exascale Computing: The Last Rehearsal Before the Post-Moore Era

Ulrich Ruede (Erlangen)

Towards Exascale Computing: Multilevel Methods and Flow Solvers for Millions of Cores.

Oubay Hassan (Swansea)

Towards Fully Parallel Aerospace Simulations on Unstructured Meshes

Paul Kelly (Imperial College)

Software Abstractions for many-core software engineering

Full abstracts and timetable for the day can be found at:

http://www.lms.ac.uk/content/computer-science-day

The Computer Science Day is part of an LMS initiative of activities at the interface between Mathematics and Computer Science. Research students from both the Computer Science and Mathematics communities are especially welcome to participate.

To register, please contact Elizabeth Fisher (computerscience@lms.ac.uk)

The day is free for students and £5 for all others which is payable on the day. A sandwich lunch will be provided.

Limited funds are available to help with students' travel costs. Further details are available from Elizabeth Fisher at the Society (computerscience@lms.ac.uk)

The London Mathematical Society is the UK's learned society for mathematics. Founded in 1865 for the promotion and extension of mathematical knowledge, the Society has a membership of over 2300 drawn from all parts of the UK and overseas. Its principal activities are the organisation of meetings and conferences, publication of journals and books, provision of financial support for mathematical activities, and contribution to public debates on issues related to mathematics, research and education.

London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS.