This one-week summer school will provide a rare opportunity to receive instruction in probabilistic methods in modern theoretical computer science and their underlying mathematics. We are delighted to announce that speakers will include: Muthu Muthukrishnan (Google), Graham Cormode (AT&T Labs), Joseph Naor (Technion, Israel), Eyal Kushilevitz (Technion, Israel), Ayalvadi Ganesh (University of Bristol) and Andreas Winter (University of Bristol).

Some of the topics to be covered include:
- Approximation algorithms
- Data stream algorithms
- Communication complexity
- Concentration of measure
- Auction theory for sponsored search
- Random graphs and stochastic processes

Who should attend: Postgraduate students and postdoctoral researchers (in academia and industry) with a background in computer science or mathematics will benefit from the programme of formal instruction, workshops and networking activities. Further details of the programme will be available on the web site.

Registration
Registration will open on 10 February and close on 14 March. Places will be limited and we encourage early registration to avoid disappointment. A number of fully funded places will be available at registration. To ensure you will benefit from this summer school, we will ask you to provide a brief CV and description of your research interests at the time of registration. Registration will be via the web site.

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