



Brief report on conference delivery and statistics

The Quantum Fluids and Solids conference, QFS2012, was held 15-21 August 2012 on the campus of Lancaster University. QFS is the main conference series for the QFS community, held two out of every three years, skipping the year of the international conference on low temperature physics (LT).

QFS2012 was sponsored by the European Microkelvin Collaboration, the International Union of Pure and Applied Physics (IUPAP), the European Physical society (EPS) the UK Institute of Physics (IoP) and the Faculty of Science and Technology at Lancaster, with a small amount of secretarial support from the Physics department.

The conference was held in the newly refurbished George Fox Building with additional rooms in the adjacent Charles Carter Building which included the conference office, a PC room, a working area and a small lecture theatre which was used for various small meetings.

The conference had 9 keynote talks and 55 invited talks covering a broad range of topics including: quantum fluids; quantum solids; quantum gasses; related topics in magnetism, superconductivity, strongly correlated systems, cosmology, hydrodynamics and high energy physics; low dimensional systems; novel techniques; detectors; and devices.

There were approximately 210 posters given in 4 poster sessions. Each poster session had a £100 prize for the best poster and there was a £200 (250 euro) EPS prize for the best overall student poster.

Details of the programme and a full list of abstracts can be found on the conference website:
<http://www.physics.lancs.ac.uk/QFS2012/index.html>

The conference had 267 registered participants from 25 countries including. The countries having the most participants were the UK (61), Japan (58), USA (40), Russia (14), Finland (12), Ukraine (12) and France (12). The QFS community has a very low proportion of female researchers. These were well represented at the conference with 26 female participants including 1 Keynote speaker, 2 invited speakers and 1 member of the international advisory committee.

The conference proceedings will be published in two special issues of the Journal of Low Temperature Physics (SN Fisher is the guest editor). A total of 91 papers have been submitted for the proceedings. Each paper will be refereed by at least 2 independent reviewers.

The conference included a full day excursion. Participants had a choice of 6 excursions to the Lake District and Yorkshire Dales. There were 27 registered accompanying persons. These were offered additional excursions during the days of the conference talks.

There were 83 applications for financial aid. Some amount of aid was offered to each applicant, but 15 applicants were unable to attend due to various personal circumstances. The aid was mostly given for conference fees and accommodation costs, with a small amount of travel aid. The total aid given was approximately £28k. The aid was largely facilitated by the generous financial support from the sponsors (the sponsorship funds totalled approx. £34k).

There were three exhibitors at the conference: Oxford Instruments, IoP publishing and Springer.