

QFS2013

International Symposium on
Quantum Fluids and Solids



Brief report on conference delivery and statistics

The International Symposium on Quantum Fluids and Solids QFS2013 was held 1-6 August 20 2013 at Kunibiki Messe, the convention center of Shimane prefecture located at Matsue City in Japan. 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.

QFS2013 was endorsed by the Physical Society of Japan and was sponsored by the International Union of Pure and Applied Physics (IUPAP), Grant-in-Aid for Scientific Research on Innovative Areas, MEXT, Japan, and some companies linked to the low temperature physics.

The symposium had 10 plenary talks and 47 invited talks ranging the broad topics, including quantum fluids, quantum solids, quantum gases, related topics in superconductivity and strongly correlated systems, hydrodynamics and high energy physics, novel low temperature techniques and so on.

There were 147 poster presentations given in 4 poster sessions. The ¥15,000- best poster prize were awarded from each poster session and the ¥30,000- best student poster prize out of the whole poster presentations.

The full list of the program can be found on the conference website:

<http://qfs2013.riken.jp/index.shtml>

The symposium had 220 participants from 23 countries of the world, including 13 registered accompany persons. The breakout of countries is: Japan(104), UK(24), USA(21), Finland(8), Korea(7), France(7), Russia(5), Ukraine(5), Brazil(5), Germany(4), Mexico(4), Canada(3), Austria(3), Slovakia(3), China(2), Czech(2), India(2), Israel(2), Netherlands(2), Italy(1), Belgium(1), Greece(1), South Africa(1), Taiwan(1), UAE(1). There were 14 female researchers in the participants, including one invited speaker.

The symposium proceedings will be published in a special issue of the Journal of Low Temperature Physics (Keiya Shirahama is the guest editor). A total of 70 papers have been submitted for the proceedings. Each paper is refereed at least two independent reviewers.

The symposium included a full day excursion. Participants had a choice of two excursions, Art and Historical tour in the area and Daisen mountain walking. Unfortunately, the latter option was cancelled

QFS2013

International Symposium on
Quantum Fluids and Solids



due to the weather condition.

There were 60 applications for financial aid. Some amount of aid was offered to each applicant, but 18 applicants were unable to attend due to various reasons. The aid was mostly given for the registration fees and part of the accommodation cost. Some invited speakers are also offered the financial aid. The total amount of aid given was approximately ¥3,200,000-.

There were 4 exhibitions at the symposium: Oxford Instruments, ULVAC Cryo, Springer JP and IOP JP.

Yuichi Okuda, Chair of QFS2013

13th August 2013