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Introducing Graphene Study 2015

(*Nanowerk News*) As part of its extensive education and outreach activities, Europe's Graphene Flagship will soon stage a second Graphene Study week. This will take place from 23-28 March 2015 in Kaprun, a small town in the alpine Pinzgau region of Austria.

GRAPHENE STUDY

Graphene Study brings together research students working on graphene and related two-dimensional materials with experienced scientists and engineers from academia and industry. In addition to formal lectures and poster sessions, Graphene Week provides participants with opportunities for networking and community building.

DSC_0096Graphene Study is the flagship's principal contribution to fostering the next generation of researchers working at the forefront of nanomaterials science and technology. Whilst the school is commissioned and organised by the Graphene Flagship, it is open to the graphene community within and without the flagship consortium.

Graphene Study 2015 will focus on four closely related topics:

- – Fundamental science of 2D materials
- – High-frequency electronics
- – Optoelectronics
- – Spintronics

These four subject areas will be led by four eminent research leaders. Professor Vladimir Falko (Lancaster) is responsible for fundamental science, high-frequency electronics will be covered by Dr Daniel Neumaier (AMO, Aachen), optoelectronics by Professor Andrea Ferrari (Cambridge), and spintronics by Professor Bart van Wees (Groningen). The subject leaders will in turn invite a number of specialist lecturers active in their respective research areas.

We envisage around 80 student participants in the Graphene Study 2015 week. There will be 30 hours of lectures, two poster sessions, and three mini-workshops, including sessions on peer-review publication and research grant applications. The cultural programme will feature a welcome reception, slalom skiing competition, and a Pecha Kucha night. You can think of the latter as karaoke for geeks!

A few months following the Graphene Study 2015 school, video recordings of its lectures, together with other relevant documents, will be made available to all free of charge via the flagship website.

Registration opened on 15 December, and the early-bird concession extends to 18 January. The normal registration deadline is 8 February, but in extenuating circumstances we can extend this to 22 February at the very latest.

Graphene Study 2015 kicks off at 17:00 on Monday 23 March with an introductory lecture by the most esteemed Nobel laureate, Professor Sir Kostya Novoselov. This will be followed by a drinks reception and dinner. The school ends at lunchtime on Saturday 28 March, with the farewell dinner and party taking place on the Friday evening.

All Graphene Study participants will be accommodated under one roof – that of the 3* Jufa youth hotel. The nearest airport is Salzburg, which is around 100 kilometres by road from Kaprun. Travel by private car is possible, and there is a direct bus service between Salzburg airport and Zell am See.

Source: *By Francis Sedgemore, Grpahene Flagship*

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