

## SAWtrain – Marie Curie Innovative Training Network launched

**The new Marie Skłodowska-Curie Innovative Training Network (ITN) SAWtrain has officially been launched on June 1<sup>st</sup>, 2015. Funded with approximately 3.9 Mio. € by the EU programme Horizon 2020, the project will run until 2019. PDI Senior Scientist Dr. Paulo Santos, who will be the project coordinator, successfully attracted the funding together with his partners located in nine different European research institutions.**

The project's **kick-off meeting** will be held at Cambridge University on June 11<sup>th</sup> and 12<sup>th</sup>, 2015. A short symposium "*Controlling nanostructures with sound*" will introduce into state-of-the-art SAW science and contemporary dissemination practices.

The SAWtrain network will offer joint research training at the PhD level. Therefore, the network now [recruits PhD candidates](#) for 15 individual research projects, which will be hosted at the partner institutions. The PhD programmes will rely on supervision and internships at academic and non-academic hosts to cover state-of-the-art research in the interdisciplinary areas of basic physics, materials, technology, and device concepts related to SAWs. As part of the Marie Skłodowska-Curie Actions the programme will foster European mobility and interdisciplinary for young researchers.

The aim of the network is the investigation of the physics and applications of surface acoustic waves (SAWs) in semiconductor structures and related materials. For this purpose the network puts together leading groups from Europe, Asia, and North America working on SAWs including universities, research institutions, companies, and non-academic players. Altogether, the SAWtrain consortium consists of 10 members, which have contributed to scientific and technological breakthrough in the field of SAWs since the late 1990's. The original work on acoustic transport of single electrons was carried out at the partner University of Cambridge. The possibilities of SAW-induced light storage and long-range transport of carriers and spins has been developed at the PDI and the University of Augsburg. 15 associated partners are going to support the network. The Deutsches Museum, one of the biggest technology and science museums worldwide, will give its support in dissemination matters. The Humboldt Graduate School will provide training in social and transfer skills.

[...section with personal quotation...]

For more information on SAWtrain, please visit the project's website at

[www.sawtrain.eu](http://www.sawtrain.eu)

For further questions, you can contact the SAWtrain members by [info@sawtrain.eu](mailto:info@sawtrain.eu)