

# Program for graphene thematic session 28/10

## **Session 1. 13.30-14.30**

13.30-13.45. Intruction to graphene and its applications.

Patrik Carlsson, Director for Chalmers Graphene Center.

13.45-14.15 Making Graphene on small and large scale. Exfoliation and Chemical Vapor

Deposition lab-demonstration. **Maximum number of participants: 15**

Hosted by Assoc. Prof. Jie Sun

## **Session 2. 15.15-16.00**

15.15-15.30. Introuction to graphene and its applications.

Patrik Carlsson, Director for Chalmers Graphene Center.

15.30-16.00 Making Graphene on small and large scale. Exfoliation and Chemical Vapor

Deposition lab-demonstration. **Maximum number of participants: 15**

Hosted by Assoc. Prof. Jie Sun

**Dr. Patrik Carlsson**



Patrik is the director of Chalmers Graphene Center (CGC). This Centre gathers all of our research, education and innovation related to graphene under one common umbrella. Synergies between our multiple graphene projects can be identified, utilised and developed, at same time we create an environment that attracts researchers, students and cooperation partners. The centre is the obvious entry point to the Swedish network of graphene research and development, as well as to the EU's research initiative on graphene – the Graphene Flagship.

**Associate Prof. Jie Sun**



Jie Sun holds two PhD degrees from Institute of Semiconductors, Chinese Academy of Sciences, and Solid State Physics Division, Lund University (Sweden), respectively. His major is semiconductor and carbon materials and devices. In particular, he focuses on III-V and Si semiconductors, high-k dielectrics, ballistic and quantum transport, and carbon electronics. Currently, he is responsible for CVD of graphene and its applications. He is teaching Chalmers' first MOOC "Introduction to graphene science and technology" at [edx.org](https://edx.org).