**Workshop programme**

9:00 Welcome

9:10 – 9:40 Invited talk: *Diamond membranes*, Milko Jakšić

9:40 – 10:10 *Defects engineering by ion beams: status and perspectives at GANIL,* Henning Lebius

30 minutes Coffee break

10:40 – 11:10 *Graphene-polymer composite membrane performance*, Rob Lammertink

11:10 – 11:30 *Membrane potential measurement in nonporous graphene*, Mandakranta Gosh

11:30 – 12:00 *Raman spectroscopy of swift heavy ion irradiated graphene: effects of the charge state,* Kristina Tomić

90 minutes Lunch break

13:30 – 13:50 *Molecular dynamics simulations of swift heavy ion irradiated graphene,* Damjan Iveković

13:50 – 14:10 *Defects engineering by ion beams: status and perspectives at RBI,* Marko Karlušić

14:10 – 15:10 *Composite membranes from Bi- and Trilayer graphene*: Mathias Ulbricht

30 Minutes Coffee break

15:30 – 16:00 *Flattening graphene*, Lukas Madauß

16:00 – 16:20 *Membranes made from 2D Materials,* Marika Schleberger

16:40 – Open Discussion on future activities

19:30 Dinner