

**BECAS DE COLABORACIÓN – JAE INTRO 2020  
EN CENTROS DE EXCELENCIA SEVERO OCHOA – CSIC**

**TÍTULO DEL PROYECTO:**

Laser deposition of nanostructured electrodes for supercapacitor devices

**IP:**

Enikő György

**RESUMEN DE LA PROPUESTA:  
(Máximo 500 caracteres)**

The objective of this project is the fabrication of hybrid electrodes composed of nano-carbon materials, heteroatom doped graphene and carbon nanotubes, coated with transition metal oxides. The electrodes will be obtained through matrix assisted pulsed laser evaporation technique for high performance electrochemical energy storage devices. Their morphology and structure down to the nanometer scale as well as their functional properties will be characterized by complementary analyses techniques.