

Thursday's NanoSpin-off

TALKS

January 25th, 17h

ONLINE by ZOOM and
PRESENTIAL
(Sala de Grados.
Facultad de Ciencias)

Zoom



Cátedra SAMCA
de Nanotecnología
Universidad Zaragoza



INMA
INSTITUTO DE NANOCIENCIA
Y MATERIALES DE ARAGÓN



Universidad
Zaragoza

TALK

"Graphene from synthesis to applications"



SPEAKER

Dr. Amaia Zurutuza

Scientific Director, GRAPHENEA

PRESENTER

Reyes Mallada Viana

Catedrática Universidad de Zaragoza
Directora Cátedra SAMCA de Nanotecnología

Over the past two decades, graphene has attracted a great deal of attention due to its extraordinary properties. When these properties are translated into applications graphene could have a large impact in various industries and markets such as telecommunications, healthcare, automotive, etc.

Graphene's electronic and mechanical properties make it an ideal candidate to be applied in various types of sensors. The sensors' market is extremely large since we are dealing with the automotive, electronics and healthcare industries among others. Therefore, it is an excellent starting platform for graphene applications.

During this talk, I will cover the fabrication of graphene and the use of graphene in various types of sensors.