

Thursday's NanoSpin-off TALKS

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Cátedra **SAMCA**
de Nanotecnología
Universidad Zaragoza



INMA
INSTITUTO DE NANOCIENCIA
Y MATERIALES DE ARAGÓN

TALK

Carbon Nanomembranes 2D-Materials beyond Graphene



SPEAKER

Albert Schnieders

Chief Technology Officer (CTO)
CNM Technologies GmbH

PRESENTER

Joaquín Coronas

Professor at the Chemical Engineering and Environmental Technologies Department,
University of Zaragoza

CNM Technologies produces and markets carbon nanomembranes (CNMs), which are molecular-thin Carbon-based polymeric 2D-materials and develops new applications for this novel class of material. Our focus application is water treatment with CNM-composite membranes, which have record high water permeance while blocking everything else like salts or small organic molecules. Further applications are in the semiconductor industry or sensor technology. In this presentation, I will discuss the challenges of a deep-tech start-up in the materials field, which is positioned early in the value chain, and present our strategies to enter markets in different areas of applications.

