

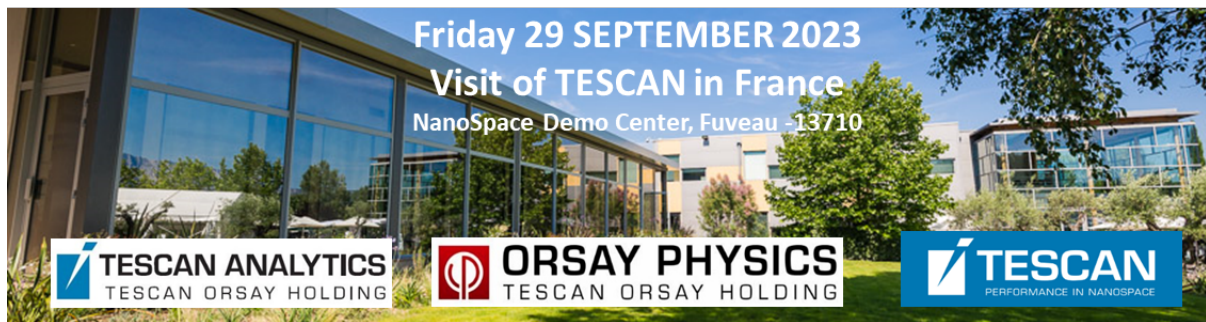
Visit 1

TESCAN

Fuveau near Aix-en-Provence

<https://www.tescan.com/>

<https://www.tescan-analytics.com/fr/>



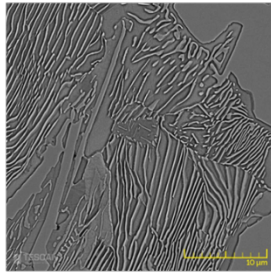
TESCAN is a leading global producer and supplier of scanning electron microscopes (SEM), focused ion beam (FIB), transmission electron microscopes (STEM), and micro-CT solutions (Tomographe X).

TESCAN FRANCE whose vocation is the promotion of SEM, SEM-FIB and MicroCT TESCAN. Within the NanoSpace Demo Center, you will be able to attend the demonstration by the teams of engineers from TESCAN France and ORSAY PHYSICS: SEM W, SEM FEG and SEM-FIB Gallium and Plasma equipped with microanalysis systems EDS-EBSD and in situ Tensile heating stage.

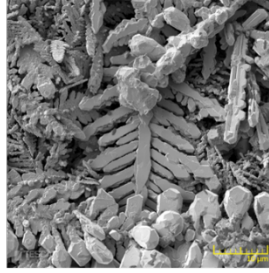
TESCAN ANALYTICS specializes in physico-chemical characterization studies of the surfaces and interfaces of all types of materials, from a fleet of high-tech equipment (SEM-FIB Ga or Xe/TEM/XPS/TOFSIMS /AFM)

ORSAY PHYSICS entity dedicated to the design and production of equipment based on charged particle physics (FIB, SEM, UHV dual beam platform, gas injection systems, detectors, etc.)

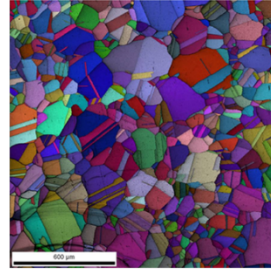
This will be a full day visit during which several workshops will be organized to observe different samples and discover the capabilities of different equipments including SEM-FIB Gallium, SEM-FIB Plasma, EDS-EBSD applications and in-situ observations using a heating platform.



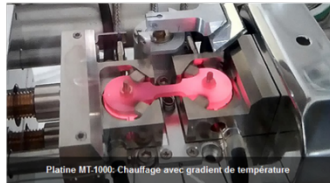
White cast iron – Metallographic sample – etched



Ag crystals from electrolysis



Stainless Steel



EBSD analysis of aluminum sample after thermal treatment

Fabrication additive
 Poudre de Ti_6Al_4V
 Analyse Multi-échelle - Multimodal

CT Scan

SEM-FIB 3D
EDS-EBSD

Couche d'oxydation
MET