# Invited speakers

<table>
<thead>
<tr>
<th>Invited Speaker</th>
<th>Institution/Role</th>
<th>Title 1</th>
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| **Dr. Tomas Vystavel**  
FEI Specialist  
DUAL-BEAM (SEM/FIB) - Netherlands | Dual/Beam (SEM/FIB) applications | TEM Sample Preparation with DualBeam | Advanced DualBeam Applications in NanoPrototyping and 3-D Characterization |
| **Dr. Dong Tang**  
FEI Specialist  
HRTEM and STEM - Netherlands | High resolution transmission electron microscopy (HRTEM) and scanning transmission electron microscopy (STEM) | Atomic scale high-resolution transmission electron microscopy | STEM applications in nano-sciences |
| **M.C. Martin Palacios**  
Jeol Specialist - Mexico | In-lens and LAB detectors in FEG-STEM | The high resolution at low kV in a FEG scanning electron microscope | Study of nonconductive samples using the r-Filter |
| **Dr. Antonio Casares**  
Carl Zeiss NTS GmbH Specialist  
EELS and Omega filter - Germany | Advanced EELS and Omega filter for TEM applications | Advanced EELS and Omega filter for TEM applications | |
| **Dr. Marco Antonio Ramirez**  
Carl Zeiss  
Cross Beam (AURIGA) - México | Cross Beam (AURIGA) | SEM/FIB preparation samples | |
| **Dr. Alfredo Gomez**  
Institute of Physics UNAM - Mexico | HRTEM and electron diffraction simulation | HRTEM and electron diffraction simulation | |
| **Dr. Laurence D. Marks**  
Northwestern University - USA | kinematical and dynamical diffraction and HRTEM | kinematical and dynamical diffraction and HRTEM: quantitative analysis | |
| **Dr. Stavros Nicolopoulos**  
NanoMEGAS SPRL - Belgium | Precession Electron diffraction in TEM | Precession interface Spinning Star | |
| **Dr. José Reyes-Gasga**  
Institute of Physics UNAM - Mexico | Electron diffraction | Dynamical electron diffraction in crystals | |
| **Dr. Jean-Paul Morniroli**  
Laboratoire de Metallurgie Physique CNRS - France | LACBED. Applications in Materials Science | LACBED. Applications in Materials Science | |
| **Dr. Miguel Ávalos Borja**  
CNyN-UNAM - Mexico | EELS | EELS theory and applications | |