<table>
<thead>
<tr>
<th>Time</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
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<tbody>
<tr>
<td>8:45-9:00</td>
<td>Welcome</td>
<td>Feedback</td>
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| 9:00-9:45| **Giorgio Dilecce**  
CNR NANOTEC Bari  
“Laser diagnostics of nanosecond repetitively pulsed discharges” | **Anne Bourdon**  
LPP  
“Modelling and simulation of non-equilibrium plasma discharges” | **Gheorghe Dinescu**  
National Institute for Lasers, Plasma and Radiation Physics  
“Plasma processing of nanomaterials at low and atmospheric pressure” | **Ralf-Peter Brinkmann**  
Ruhr Universität Bochum  
“Plasma modelling for the understanding and active control of technological plasmas” |
| 9:45-10:15| **Zdeněk Navrátil**  
Masaryk University  
“Optical diagnostics of helium coplanar barrier discharge: pre-breakdown light and electric field measurement” | **Tiago Silva**  
Instituto de Plasmas e Fusão Nuclear, Instituto Superior Técnico  
“Understanding the electron and vibration kinetics in CO2 plasmas” | **Anton Nikiforov**  
Ghent University  
“Atmospheric pressure plasma sources diagnostics as a key to control their utilization in surface or liquid processing” | **Mario Merino**  
Universidad Carlos III de Madrid  
“Kinetic electron response in a rarified plasma jet expanding into vacuum” |
| 10:15-10:35| **Gabi Daniel Stancu**  
CentraleSupelec  
“Tracking NO absolute density, temperature and hydrodynamics by QCLAS and PLIF in nanosecond post-discharges” | **Ana Sofia Morillo Candas**  
LPP/CNRS (UMR 7648)  
“Effect of high surface-area on CO2 plasma kinetics” | **Alexandra Brisset**  
Université Paris-Saclay  
“Spatio-temporal electric field measurements of a diffuse nanosecond atmospheric discharge under very high electric fields” | **Florian Sigeneger**  
INP Greifswald  
“Phase-resolved modelling of a non-thermal atmospheric pressure RF plasma jet” |
| 10:35-11:10| Break     | Break     | Break     | Break     |
| 11:10-11:55| **Zoran Petrovic**  
Institute of Physics University of Belgrad  
“Overview of the procedure to obtain cross section data from the transport coefficients” | **Nickolay Aleksandrov**  
Moscow Institute of Physics and Technology  
“Kinetics of high-voltage nanosecond discharge plasmas in hydrocarbons and combus- tible mixtures” | **Ryo Ono**  
The University of Tokyo  
“Optical diagnostics in atmospheric-pressure non-thermal plasma” | **Deborah O’Connell**  
University of York  
[Crookes Prize Lecture](#)  
Title to be announced |
<table>
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>11:55-12:25</td>
<td>Thomas Gries, Institut Jean Lamour - CNRS</td>
<td>“Ultrathin metallic oxide nanostructures synthesized by plasma afterglow-assisted oxidation for photocatalysis applications”</td>
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<tr>
<td>12:25-12:45</td>
<td>Aranka Derzsi, Wigner Research Centre</td>
<td>“The effect of secondary electrons on the discharge characteristics in low-pressure capacitively coupled plasmas”</td>
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<tr>
<td>12:45-12:55</td>
<td>Ana Sobota, Eindhoven University of Technology</td>
<td>“Electric fields and electron properties in atmospheric pressure plasma jets”</td>
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<td>12:45-12:55</td>
<td>Dmitry Fursa, Curtin University</td>
<td>“Electron-impact dissociation of molecular hydrogen”</td>
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<td>12:45-12:55</td>
<td>Augustin Tibère-Inglesse, CentraleSupélec</td>
<td>“Experimental study of recombining air and nitrogen plasmas”</td>
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<tr>
<td>12:45-12:55</td>
<td>Zoltan Donko, Wigner Research Centre for Physics</td>
<td>“The effect of VUV photons on nanosecond helium microdischarges at atmospheric pressure”</td>
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<tr>
<td>12:45-12:55</td>
<td>Craig Stark, Abertay University</td>
<td>“Evolution of sub-stellar dust clouds via plasma deposition and sputtering”</td>
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**Key to terms:** Feedback = collation of delegate comments from previous day’s session; Break = snacks and refreshments; Lightning poster presentations: short adverts for posters. Text in **blue** denotes General Invited Speaker (45 minutes); in **green** denotes a Topical Invited Speaker (30 mins); in **purple** is an LOC Invited lecture (30 minutes). All other talks are 20 mins.