

## Workshop on Infrared Plasma Spectroscopy 2006 - Timetable

	15.06.2006	16.06.2006
9:00	Welcome and Announcements, J. Röpcke (LOC)	<b>Plenary Talk III</b> <b>MIR Spectroscopic Techniques: from Basic Research to Industrial Applications</b> G.D. Stancu, N. Lang, M. Reinicke, A. Steinbach, S. Wege, S. Barth, P.B. Davies, J. Röpcke
9:10	Opening remarks, P.B. Davies (ISC)	
9:20	Welcome address, K.D. Weltmann (INP)	
9:30		
9:45	<b>Plenary Talk I</b> <b>Plasmas Diagnostics by Laser Spectroscopy and Artifacts</b> Nader Sadeghi	<b>Plenary Talk IV</b> <b>TDLAS Measurements of the Rotational Temperature of CF<sub>2</sub> in a Fluorocarbon RF Discharge</b> Onno Gabriel
10:30	<i>Coffee break</i>	<i>Coffee break</i>
11:00	<b>Plenary Talk II</b> <b>Infrared Diode Laser Spectroscopy of Transient Species Produced by UV-Laser Photolysis</b> Keiichi Tanaka	<b>Talk III</b> <b>High Resolution Infrared Spectroscopy of Ionic Complexes in a Supersonic Planar Plasma Expansion</b> Harold Linnartz
11:20		<b>Talk IV</b> <b>Infrared diode laser absorption spectroscopy for measurement of fluorocarbon radicals in 60 MHz capacitively coupled etching plasma process</b> Masaru Hori
11:45	<b>Talk I</b> <b>Time resolved measurements of the C<sub>2</sub>H<sub>2</sub> decay in a single plasma pulse: influence of a porous semiconductor surface</b> O. Guaitella, F. Thevenet, G. Stancu, J. Roepcke and A. Rousseau	<b>Talk V</b> <b>Application of a quantum cascade laser for time- and spatially-resolved diagnosis of microwave activated hydrocarbon/H<sub>2</sub>/Ar gas mixtures used for diamond chemical vapour deposition</b> Jie Ma, Jonathan J. Henney, Andrew Cheesman, James A. Smith, Michael N.R. Ashfold,
12:05	<b>Talk II</b> <b>Formation of Molecules by Plasma-Surface Interactions</b> J-P van Helden, G Yagci, R Zijlmans, D Schram and R Engeln	<b>Plenary discussion</b>
12:30	<i>Lunch break</i>	<i>Lunch break</i>
13:30	Industrial exhibition	
14:00	INP-tour	Sailing tour
15:30	<i>Coffee break</i>	
16:00	<b>Poster session</b>	
19:00	Workshop dinner (Utkiek, Wieck))	