

	Programme	Page
Tuesday 18th December		
12:00	<i>lunch</i>	
13:15	Welcome and introduction	
13:30	<i>Prof Mark Kushner</i> Model Based Design of Plasma Industrial Technologies	8
14:30	<i>Prof Rob Short</i> The fabrication of surface chemical gradients by plasma and their applications	9
15:45	<i>tea break</i>	
16:15	<i>Niall Mac Gearilt</i> The challenges of process control in plasma processing in the semiconductor industry	10
17:00	<i>Dr Charlie Mahony</i> Micro Discharge Scaling and the operation of an RF-Driven Micro-Discharge Source	11
17:15	<i>Jochen Waskoenig</i> Spatial dynamics of the light emission from a microplasma array	12
17:30	<i>Dr Paul Bryant</i> Electrical and Optical Characterisation of a Silicon Micro-Cavity Discharge Array	13
17:45	<i>Peter Bruggeman</i> Electrical discharges with liquid cathode	14
18:00	Poster Session	
19:15	Dinner	
20:45	Poster Session (<i>continued</i>)	
Wednesday 19th December		
08:30	<i>morning coffee</i>	
08:45	<i>Prof Richard van de Sanden</i> Plasma processing: Controlling complexity through in situ analysis	15
09:30	<i>Prof Milan Tichy</i> Emissive Probe Diagnostic in Low Temperature Plasma - Effect of the Space Charge and Variations of the Electron Saturation Current	16
09:45	<i>Dr David Gahan</i> Retarding field analyzer for ion energy distribution measurements at a radio-frequency biased electrode	17
10:00	<i>Dr Alice Harling</i> Novel method for enhancing the destruction of environmental pollutants by the combination of multiple plasma discharges	18
10:15	<i>Dr Alf Smith</i> A novel high rate hollow cathode plasma immersion ion processing (HCPIIP) method for the internal coating of industrial sized pipes and enclosures with thick DLC films	19
10:30	<i>coffee break</i>	
11:00	<i>Dr Pascal Chabert</i> Physics of multiple-frequency capacitive discharges	20
11:45	<i>Dr Hugh Potts</i> Audio reproduction with atmospheric pressure plasmas: Surface discharge device	21
12:00	<i>Dr Derek Monahan</i> Electronegative plasmas and the global model approximation: A benchmark study	22
12:15	<i>Prof Bill Graham</i> Plasma power measurement and hysteresis in the E to H transition of an RF inductively coupled plasma system	23
12:30	<i>Dr Deborah O'Connell</i> Ionization dynamics and frequency coupling in dual frequency capacitively coupled plasmas	24
12:45	<i>lunch</i>	
14:00	<i>Prof Mark Kushner</i> Report on recent forward look for plasmas in US Discussion of funding	
	<i>Prof Nicholas Braithwaite</i> Update on Technological Plasma Network (16:00 close) Election of Committee for 2008	