

**THURSDAY, 5 September**

**Characterisation, Test Methods and Methodologies**

	<b>Dr. E GLASCOE (LLNL, UK)</b>	
9:00 - 9:30	<b>PLENARY- Dr Manfred A. BOHN</b> Fraunhofer ICT, Germany	The connection between the parameters of WLF equation and of Arrhenius equation
9:30 - 9:50	<b>Prof. Serge BOURBIGOT</b> Lille, France	Advanced characterization of decomposing flame-retarded polymers
9:50 - 10:10	<b>Dr Thomas MAYER-GAL</b> Germany	New Accelerated Ageing Method for Polymer Non-Woven
10:10 - 10:30	<b>Prof. Massimo Lazzari</b> Spain	Novel surface enhanced Raman spectroscopy (SERS)-active substrates for the detection of low molecular weight degradation products of polymers
10:30 - 10:50	<b>Dr Muriel FERRY</b> CEA, France	Temperature and LET effects on radiation-induced modifications in non-perfect polyethylenes
<b>10:50 - 11:10</b>	<b>COFFEE BREAK</b>	
	<b>CHAIR: Dr. M EDGE (MMU, UK)</b>	
11:10 - 11:30	<b>Prof. Wataru SAKAI</b> Kyoto, Japan	Spin-Trapping Analysis for Degradation Mechanism of Polymer Materials
11:30 - 11:50	<b>Mr. Mark PRIVETT</b> KCNSC, Kansas City, USA	Elastomer Aging Test Method Requirements and Improvements
11:50 - 12:10	<b>Dr Fumitoshi KANEKO</b> OSAKA University, Japan	FTIR spectroscopic study on the influence of high pressure hydrogen gas on crystalline polymers
12:10 - 12:30	<b>Mr. Eric Aimé POUTOUGNIGNI</b> Clermont-Ferrand, France	Characterization of EPDM crosslinking resulting from photoageing by measurements of excimer fluorescence
12:30 - 12:50	<b>Mr. ICHISE SHOTA</b> Hiroshima, Japan	Spin-Trapping Analysis for Deterioration Reaction Mechanism of Poly(methyl methacrylate)
<b>12:50 - 13:00</b>	<b>Closing Remarks &amp; Farewell, S. Al-Malaika (PDDG-Chair)</b>	