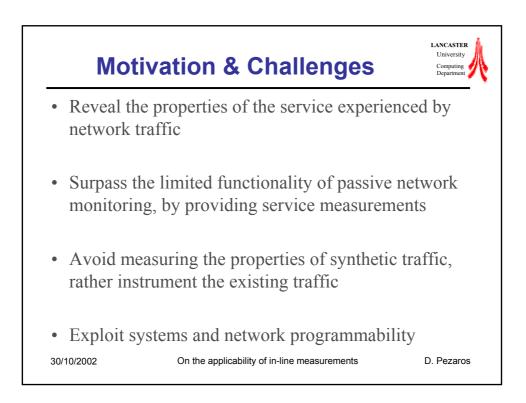
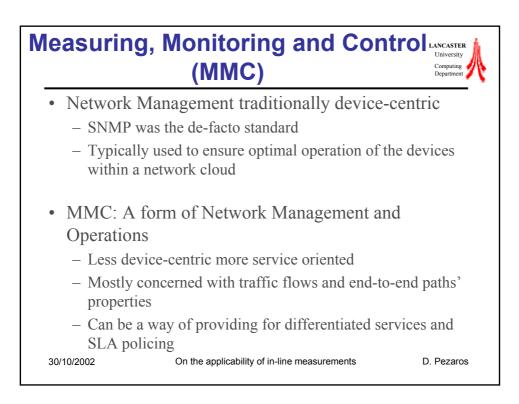
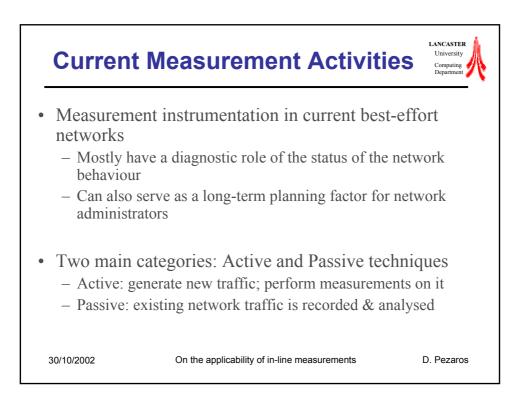
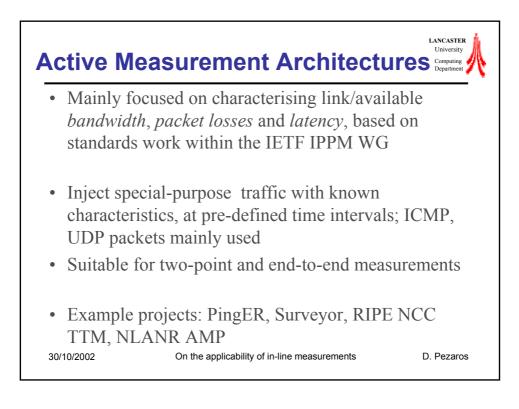
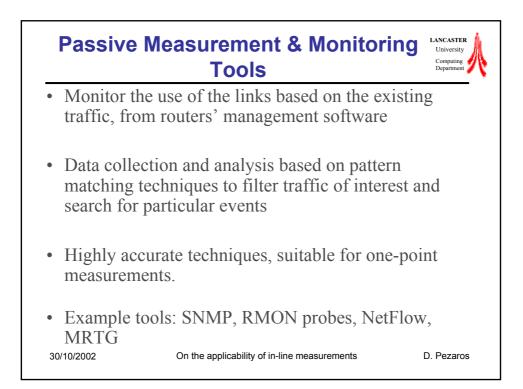
Measurement, Monitoring and Control University of Internet Traffic for Improved QoS		
M	RG Agilent Technologies Innovating the HP Way	;
On the Applicability of In-line Measurements for Next Generation Networks		
Dimitrios Pezaros & David Hutchison		
Distributed Multimedia Research Group Computing Department Lancaster University E-mail: {dp, dh}@comp.lancs.ac.uk		
30/10/2002	On the applicability of in-line measurements D. Pez-	aros

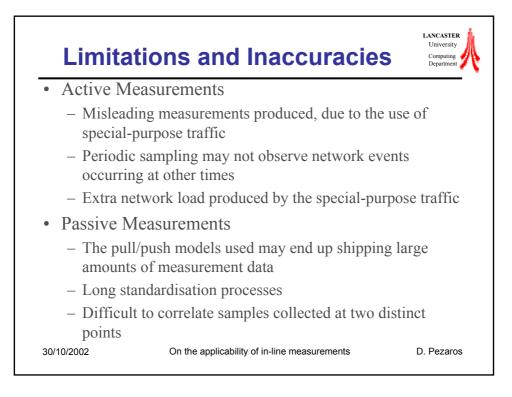


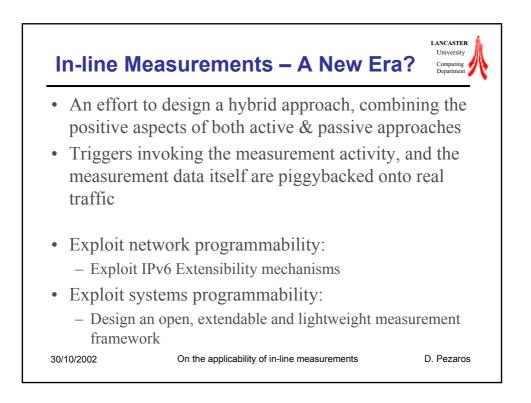












IPv6 – A New Programmable Framework



Extendable Protocol Specification

Facilitates the introduction of measurement & management extensions within the protocol itself
Provides for additions and incremental deployment

IPv6 Extension Headers

Mechanism that provides for processing of additional functions (other than the main IP forwarding)
Headers can encode options in a Type-Length-Value format (TLV)
Ignored at nodes, if not supported

Design a special, measurement header

Trigger measurement activity at the appropriate nodes

30/10/2002

On the applicability of in-line measurements

D. Pezaros

