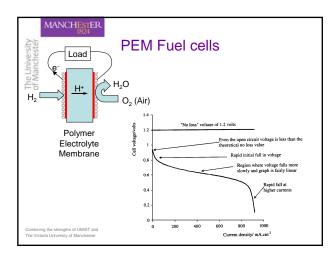
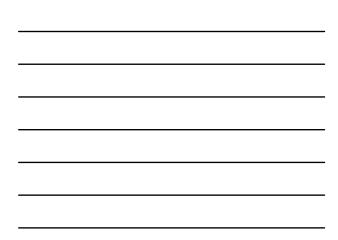
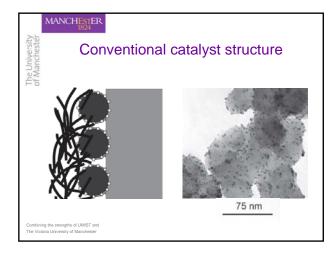
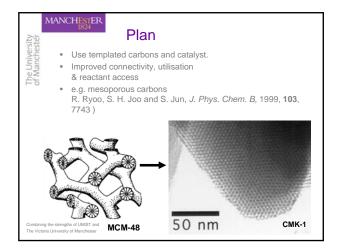


Combining the strengths of UMIST and The Victoria University of Manchester

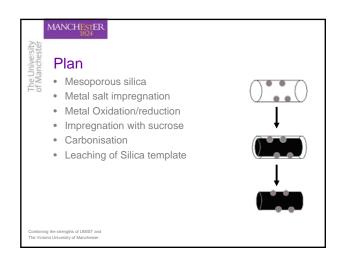


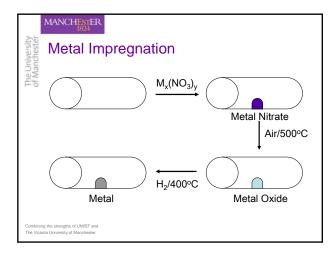




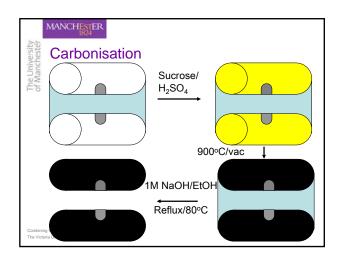




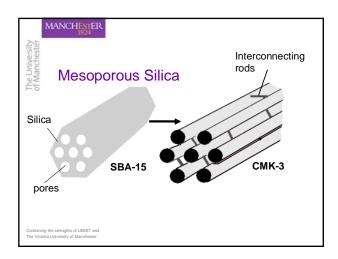




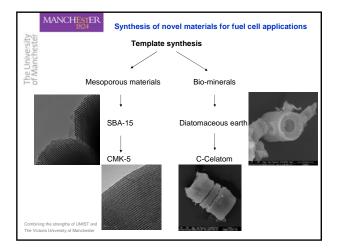




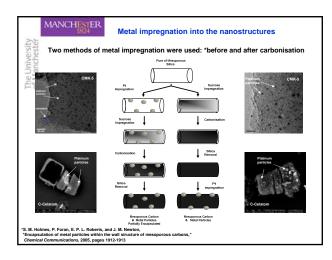




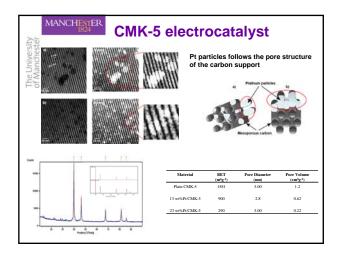




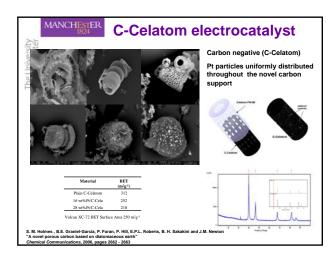




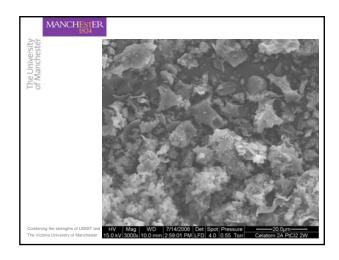


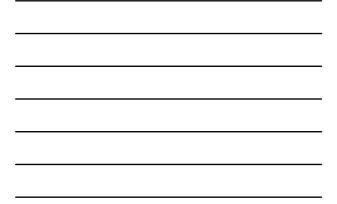


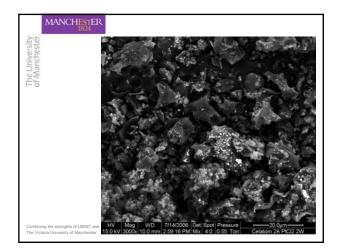




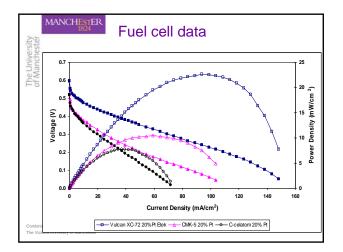














Sample	Vulcan XC-72	CMK-5 20%	C-celatom 20%
	20%Pt	Pt	Pt
BET Surface area support only (N ₂ ads)	250 m ² /g	1581 m²/g	312 m²/g
Surface area platinum only (CO ads)	31 m ² /g	8 m²/g	0.5 m ² /g
Pt particle	From TEM	From TEM	From SEM
size	~ 2 nm	~ 3 nm	~ 125 nm



