

features			
Petrochemicals 1			24
Efficient olefin operations with Elinor Price			
Petrochemicals 2			29
Jeff Crook provides a guide to Qatar's Pearl GTL project			
Polymer processing 1 Microcapillary films with Bart Hallmark, Christian Hornung and Malcolm Mackley			32
Polymer processing 2			36
Tom McLeish describes the academic ideal that is the Microscale Polymer Processing Project 2			-
Product engineering			40
Daniel Staresinic explains PLM software			
Sustainable chemistry			42
Novel bio-diesel production with Roger Lawrence			
Whynotchemeng			46
Joyce Yip reviews the primary reaction to IC	hemE's	new science resources	
IChemE technical roadmap			48
Ian Shott looks towards the Global Forum launch			
regulars			
Catalyst	2	Guest author	22
IChemE's incoming president Ramesh	-	Momodou Ceesay on Gambian biofuel	22
Mashelkar outlines his hopes for the future		opportunities	
Analysis	3	Day in the life	45
IPCC reaction; Lurgi into Air Liquide;		Jamie Ginn talks to Adam Duckett about	
Arcoxia's FDA failure; Oil giants buy into tall Australia		biofuels and her year as Miss Delaware	-
Solar collaboration dawns for UNSW;	7	Member networks Malaysia branch AGM; Royal Society	49
Uranium deal becomes more hostile;		hosts biofuel event; IChemE's Salter's six;	
Carbon cutting discussed		Trevor Kletz discusses the recent	
Asia	8	Flixborough symposium	
Singapore coal fuels Tata growth; Danone's		People	52
jv issues in China; Alinta could come to Asia UK 10		Dow fires two executives; UNSW DSc for Wainwright; Latif's inaugural lecture	
IPPC improves industrial performance; Further Buncefield recommendations; Sewage escape in Scotland; BE to fight bank over Eggborough		Campus	53
		Clare Sanders guides us through the results	
		of IChemE's graduate survey snapshot	
Americas	12	University update	54
Security ramped up at US chemical sites; Ethanol handshake for Latin partners;		EPSRC funds Imperial solar research; Uni shooting takes the life of chemenger;	
Cemex spies Rinker		Swansea weds medicine with engineering	
Contracts Shelling out for IGCC technology in Hatfield; BP chooses Jacobs for Whiting; Taking advantage of sunny Spain	14	Reactions	56
		Readers' letters	
		Diary of events	58
Innovations	15	In the journals	60
Hopes of an insulin harvest; Spheres come second place to cylinders; Fantastic plastic	13	Matt Stalker offers an insight into	
		IChemE's latest journal content	
conduct; Biofuel cell breakthrough		Appointments 14 pages of the latest vacancies	62
Process news Nanogenerator offers mechanical route to energy; Catalyst selects single enantiomer;	16	Residue Human engineering: Bitter coffee reaction	76
Algae join emission war; Sasol searches for		Go for the burn	
better catalysts			
Interview	18		
Ronald Oxburgh talks to Adam Duckett abou	it	in the June issue	
climate change and the way ahead		wastewater treatment	
Legalwatch	20	food & drink	

REACH compliance with Helen Loose

cover story Cover: olefins and GTL - p24 guest author Nuts about biofuels - p22 Innovative plastic solutions - p32

Software support – p40