

	Time	Session	Paper Title	Authors
Tuesday 30th August 2011	9:30-10:15	Registration		
	10:15-11:00	Conference Opening		
	11:00-11:15	Coffee		
	11:15-13:00	Session 1: Manufacturing Processess	Design Of An Advanced Control System For Dynamic Control Of The Applied Load In Chemical Mechanical Polishing (Cmp): Characterisation Of The Load-Displacement Response	Liu, J.; Ahearne, E.; Byrne, G.
			Curve Interpolation In Cnc Machining	Keaveney, S.; Byrne, G.; Ahearne, E.; Connolly, P.
			Investigation Of The Production Cost Minimization In Bi- Layered Tube Hydroforming Process Design	Alaswad, A.; Olabi, A.; Benyounis, K.
			Optimisation Of Process Parameters And Tooling During Friction Stir Welding	Trimble, D.; Monaghan, J.; O'Donnell, G.
			An Artificial Neural Network For Dimensions And Cost Modelling Of Internal Micro-Channels Fabricated In Pmma Using Nd:Yvo4 Laser	Karazi, S.
	13:00-13:30	Lunch		
	13:30-15:15	Session 2: Biomedical Devices, Instrumentation and Inspection & Testing	In Vitro Corrosion Testing Of Absorbable Magnesium Vascular Stents	Galvin , E.; Lally, C.; MacDonald, B.
			The Development Of A Flexible Low Cost Cardiovascular Simulation Device For In-Vitro Biomedical Device Experimentation	McGee, C.; Walsh, P.; Murphy, N.; Coffey , A.
			The Design And Improvement Of Different Liquid Level Instruments In Crude Oil Production Facilities	Sawessi, M.; Nabhani, F.
			Characterisation And Application Of Surface Acoustic Wave Strain Sensors	Stoney, R.
			Development Of A Friction Testing Apparatus For Use In Demoulding Force Prediction	Delaney, K.; Kennedy, D.
	15:15-15:30	Coffee		
	15:30-17:00	Session 3: Strategic Management	A Review Of Documented Strategies For Maintaining Asset Integrity In An Economic Downturn	Mansbridge, E.; Naughton, M.; Hardiman, F.
			Maintaining Asset Integrity In An Economic Downturn: The Irish Experience	Mansbridge, E.; Naughton, M.; Hardiman, F.
An It Based Knowledge Management System To Support Process Innovation In Small Companies.			O'Brien, E.; Butan, D.; Southern, M.; Clifford, S.	
Process Innovation - A Case Study: Restoring Order To Engineering Chaos			Southern, M.; Butan, D.; Clifford, S.; O'Brien, E.; Storey, J.	

	Time	Session	Paper Title	Authors
Wednesday 31st August 2011	9:00-10:30	Session 4: Knowledge Management	Inadequate Presented Information And Its Effect On The Cognitive Workload	Brolin, A.
			International Aspects Of Knowledge Management And Its Sustainability In The Quality Function	Isenberg, R.
			Collaborating To Gain Advantage From Non-Core Manufacturing Competencies	Liston, P.; Byrne, N.; Geraghty, J.; Young, P.
			Supporting The Social, Situated And Tacit Nature Of Design	Butler, V.
	10:30-10:45	Coffee		
	10:45-12:15	Session 5: Systems Design & Analysis	Maintenance Quality And Performance Measures; A Critical Review	Hogan, J.; Hardiman, F.; Naughton, M.
			Statistical Methods For The Analysis Of High Throughput Multivariate Industrial Data	Moore, S.
			Improved Solution Of Capacity Allocation Problem For Photolithography Area In Semiconductor Manufacturing	Ozturk, C.; Kabak, K.; Ornek, M.; Heavey, C.
			Optimum Location Of Emergency Facilities Responding To Demands Randomly Initiated In Space And Time	El-Shentenawy, A.; El-Kilany, K.; Moneim, A.
	12:15-13:00	Research Funding	Opportunities for Framework 7 funding	Liam Brown
	13:00-13:30	Lunch		
	13:30-15:15	Session 6: Sustainable Manufacturing	Identify Improvement Opportunities Towards Sustainable Manufacturing	Despeisse, M.; Ball, P.
			Smart Sustainable Factories Of The Future: Directions For European Research Priorities.	Cosgrove, J.
			Method For Measuring Production Complexity	Mattsson, S.; Gullander, P.
			Production Complexity And Its Impact On Organization And Operations	Bäckstrand, G.; Harlin, U.; Brolin, A.; Gullander, P.
			Nature-Inspired Approach For Future Component Generations	Henning, H.; Denkena, B.
	15:15-15:30	Coffee		
	15:30-17:15	Session 7: Process Planning, Ergonomics & Robotics	Form-Feature Based Process Planning With Sheet Metal Examples	De Vin, L.
			Form-Feature Based Process Planning, Part 2: Sheet Metal Examples	De Vin, L.
			Impact Isolation Of Training Shoe Soles	Tiernan, S.; Daly, N.
Development Of A Training Model For Process Ergonomic			O'Sullivan, L.; Ovcin, E.; Wakula, J.; Di Pardo, M.	
Surveillance Module, A Robotics Application In The Hospital Environment			Al Mamun , K.; Szecsi, T.	

	Time	Session	Paper Title	Authors
Thursday 1st September 2011	9:00-11:00	Session 8: Energy Monitoring and Analysis	Carbon Footprint Analysis Of A Polymer Manufacturing Process	Dormer, A.; Finn, D.
			Modelling Energy Flows Across Buildings, Facilities And Manufacturing Operations	Ball, P.; Despeisse, M.; Greenough, R.
			Holistic Optimisation Of Environmental Resources In Complex Production Tools	Posten, K.; Young, P.; Corcoran, B.
			Power Monitoring Of Abrasive Machining Of Cobalt Chrome Alloy	Brazel, E.; O'Donnell, G.; Hanley, R.
			Integrated Energy Monitoring Of Hydraulic Ramp At Dublin Port	Morgan, J.; McGrath, M.
			Transport refrigeration using an open cycle CO2 system	Kennedy, P.; Young, P.; Esmonde, H.
	11:00-11:15	Coffee		
	11:15-12:15	Session 9: Training and Education	The Adaptive Engineer: A Model For Rethinking And Reskilling	Kelly, B.; Murphy, E.
			A Longitudinal Action Research Study On Monitoring Performance In A Manufacturing Sme	Wilson, C.
			Enablers And Hindrances For Efficient Change Realization - A Case Study Of A Lean Transformation In Automotive Industry	Harlin, U.; Moestam Ahlström, L.; Sjögren, B.
12:15 - 12:45	Conference Close			