

Energy & Bulk Chemicals Programme

Thursday 21 October 2010, CongresHotel 'De Werelt', Lunteren



Time	Energy		Bulk Chemicals	
	Room: Vide 1	Room: Vide 2	Room: Zaal 3	Room: Zaal 4
10.00 Session 1	053.70.013 Catalytic steps in the conversion of lignocellulosic biomass via pyrolysis to fuel precursors <i>Dr K. Seshan, Dr S.R.A. Kersten, Prof. L. Lefferts (UT) Dr I.V. Melián Cabrera, Prof. H.J. Heeres (RUG)</i>	<i>empty slot</i>	053.70.107 Development of (homogeneous) catalysts for the selective conversion of levulinic acid (LA) to caprolactam <i>Dr E. Bouwman (UL)</i>	053.70.109 Catalytic Staged Degasification of Biomass for the Production of Furfural and Levoglucosan <i>Dr P.J. de Wild Msc (ECN)</i>
12.00 Session 2 Lunch will be served during these sessions	053.70.002 Selectivity control in aqueous phase reforming <i>Prof. L. Lefferts, Dr K. Seshan (UT)</i>	<i>empty slot</i>	053.70.114 Catalytic Production of Butadiene from Bio-ethanol and Non fermentable Sugars <i>Prof. B.M. Weckhuysen, Prof. R.J.M. Klein Gebbink (UU) Dr D.S. van Es, Dr J. van Haveren (A&F)</i>	053.70.106 From lignocellulosic biomass to bulk chemicals. Development of efficient catalytic routes to HMF and derivatives <i>Prof. H.J. Heeres, Dr I.M. Cabrera (RUG)</i>
14:00 BREAK				
15.00 Session 3	053.70.010 Development of catalysts for the conversion of bio-ethanol to higher value products such as 1-butanol and branched hydrocarbons as alternative fuels <i>Dr E. Bouwman (UL)</i>	053.70.011 The development of a non-noble metal based catalyst system for the production of hydrogen from bio-feedstocks by aqueous phase reforming in a microreactor <i>Dr T.A. Nijhuis, Prof. J.C. Schouten (TUE) Dr J.H. Bitter, Prof. K.P. de Jong (UU)</i>	053.70.112 Catalytic valorisation of lignin to key phenols and aromatics <i>Prof. G. Rothenberg (UVA) Dr D.S. van Es, Dr J. van Haveren,, Drs. R. Gosselink (A&F)</i>	053.70.103 Fundamental studies on the catalytic conversion of lignin and related model compounds in ionic liquids: Towards the development of a two-stage conversion route of lignin into aromatic compounds <i>Prof. B.M. Weckhuysen (UU)</i>
17:00 END				

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	Room: Vide 1	Room: Vide 2	Room: Zaal 3	Room: Zaal 4
10:00 Session 4	053.70.014 Solid acid catalysts for transesterification and esterification <i>Dr J.H. Bitter, Prof. K.P. de Jong (UU) Dr D.S. van Es, Dr J. van Haveren (A&F)</i>	053.70.005 In Situ Valorisation of Biomass: "From BioSynGas to liquid fuel" <i>Prof. F. Kapteijn, Dr J. Gascon (TUD)</i>	053.70.115 Fundamental Studies on the Hydrogenation of Bio-based Oxygenates: Hydrogenation of Levulinic Acid to Chemical Intermediates for Bulk Chemicals Production <i>Prof. H.J. Heeres, Dr I.V. Melián Cabrera (RUG) Prof. B.M. Weckhuysen (UU)</i>	053.70.101 Decarboxylation of Amino Acids in the Production of Industrial Chemicals <i>Prof. J.P.M. Sanders, Dr E.L. Scott (WUR) Prof. L. Lefferts (UT)</i>
12:00 Session 5 Lunch will be served during these sessions	053.70.004 Aliphatic olefins from fatty acids (AIFA) <i>Prof. K.P. de Jong, Dr J.H. Bitter (UU) Dr J. van Haveren, Dr D.S. van Es (A&F)</i>	053.70.110 Biomass Electrochemistry: from cellulose to sorbitol <i>Prof. M.T.M. Koper (UL)</i>	053.70.113 Catalytic routes for the valorisation of humin by-products formed during biomass processing <i>Prof. H.J. Heeres (RUG) Dr K. Seshan, Prof. L. Lefferts (UT) Prof. B.M. Weckhuysen (UU)</i>	053.70.104 Controlled catalytic dehydration of alcohols <i>Prof. R.J.M. Klein Gebbink, Dr J.T.B.H. Jastrzebski (UU)</i>
14:00	BREAK			
15:00 Session 6	053.70.003 Catalytic hydrolysis of cellulose: an alternative technology for the conversion of lignocellulosic biomass into sugars <i>Dr R.J.H. Grisel (ECN)</i>	<i>empty slot</i>	<i>empty slot</i>	053.70.105 Physical chemistry of catalytic sugar conversion <i>Prof. R.A. van Santen, Prof. E.J.M. Hensen (TUE)</i>
17:00 Session 7	<i>empty slot</i>	053.70.012 Depolymerization of lignin: towards gasoline fuel components <i>Prof. E.J.M. Hensen (TU/e) Prof. H.J. Heeres (RUG)</i>	<i>empty slot</i>	<i>empty slot</i>
18:00	END			