

Oral presentations: Excluding Plenary and Keynotes

14	Conradie, Jeanet	Univ of the Free State	H-spillover between rutile and rhodium - is it possible? A DFT view.	Oral	<a href="#">Jeanet Conradie</a> <sup>a,b</sup> , Jose Gracia, <sup>a</sup> J. W. (Hans) Niemantsverdriet <a href="#">Theresa E Feltes</a> <sup>a,1</sup> , Yuan Zhao <sup>b</sup> , Leticia Espinosa-Alonso <sup>c</sup> , Emiel de Smit <sup>c</sup> , Lawrence D'Souza <sup>a</sup> , Robert F Klie <sup>b</sup> , Randell J Meyer <sup>a</sup> , Bert M Weckhuysen <sup>c</sup> , and John R Regalbuto
15	Feltes, Theresa	Univ of Illinois / UCT	The selective adsorption of a manganese promoter over supported CO hydrogenation catalysts	Oral	<a href="#">Nico Fischer</a> , Eric van Steen and Michael Claeys
16	Fischer, Nico	Univ of Cape Town	Cobalt crystallite size effect on activity and selectivity in the Fischer-Tropsch synthesis	Oral	<a href="#">Marco Haumann</a> , Peter Wasserscheid
17	Haumann, Marco	Nürnberg, Germany	Advanced supported ionic liquid phase (SILP) materials for catalysis	Oral	<a href="#">Gerrit Julius</a> , Jan van den Berg and Stefanus Otto
18	Julius, Gerrit	Sasol Technology (Pty) Ltd	Mechanistic investigation of cobalt carbonyl alkylation as a first step in the carbonylation catalytic cycle: a kinetic and theoretical study.	Oral	
19	Khan, Faiza	Univ of KwaZulu-Natal	Quantitative determination of phase transformations of the Tridymite-like FePO <sub>4</sub> catalyst pre and post oxidative dehydrogenation reactions to form Alkyl Methacrylates	Oral	<a href="#">Faiza B. Khan</a> . <sup>1</sup> Holger B. Friedrich
20	Kondrashov, Mike	Lund Univ	Pincer complexes of the late transition metals. Synthesis and catalytic applications	Oral	<a href="#">Mikhail Kondrashov</a> , Magnus T. Jonsson, Klara Jonasson, Daniel Olsson and Ola F. Wendt
21	Krüger, Anneke	Univ College Dublin	Bond activation by abnormal N-heterocyclic carbene complexes of rhodium	Oral	<a href="#">Anneke Krüger</a> and Martin Albrecht
22	Lerotholi, Ts'eno	Univ of the Witwatersrand	The catalytic oxidation of CO on Iridium: A surface science approach	Oral	<a href="#">Ts'eno J Lerotholi</a> <sup>ac</sup> Georg Held <sup>b</sup> and David A King
23	Madala, Thendo	Univ of Cape Town	Reaction pathways for the formation of hydrogen peroxides in fuel cells: a DFT study	Oral	<a href="#">Thendo Madala</a> <sup>a</sup> , Eric van Steen <sup>a</sup> and Melissa Petersen
24	Meijboom, Reinout	Univ of Johannesburg	Synthesis and initial catalytic evaluation of well defined metal particles	Oral	R. Meijboom J. Noh, N.C. Antonels & M Nemanashi
25	Motchelaho, Myriam	Univ of the Witwatersrand	Fischer-Tropsch synthesis: The influence of various iron precursors and promoters on the performance of multiwalled carbon nanotubes supported Iron catalysts	Oral	<a href="#">Myriam A.M. Motchelaho</a> <sup>ab</sup> , Linda L. Jewell <sup>a</sup> and Neil J. Coville
26	Mpuhlu, Batsho	Nelson Mandela Metropolitan Univ	Comparism of Microstructured and Fixed Bed Reactors for the Oxidative Dehydrogenation of Cyclohexane to Cyclohexene and Benzene	Oral	<a href="#">Batsho Mpuhlu</a> <sup>a</sup> , Gary Dugmore <sup>a</sup> and Ben Zeelie
27	Muller, Theuns	Univ of the Free State	Copper Based Oxidation Catalysis.	Oral	<a href="#">Theunis.J. Muller</a> <sup>a</sup> , Gideon. Steyl <sup>a</sup> and Andreas. Roodt
28	Nabaho, Doreen	Univ of Cape Town	Hydrogen spillover in the Fischer-Tropsch synthesis: The role of platinum and gold as promoters on cobalt-based catalysts	Oral	<a href="#">Doreen Nabaho</a> , Eric van Steen and Michael Claeys
29	Nyamunda, Benias	Tshwane Univ of Technology	Carbon-supported Pt-Bi and Pt-Au nanoparticles for the selective oxidation of primary alcohols	Oral	<a href="#">Benias C. Nyamunda</a> <sup>a</sup> , Leskey M. Cele <sup>a</sup> , Ndumiso A. Cingo <sup>b</sup> and Josef Heveling
30	Opperman, Dirk	Univ of the Free State	Practical Baeyer-Villiger monooxygenases	Oral	<a href="#">Dirk J Opperman</a> <sup>a</sup> , Manfred T Reetz
31	Sewsunker, Shantal	Univ of KwaZulu-Natal	Oxidative Activation of <i>n</i> -octane using Molybdenum and Vanadium-loaded Carbon Nanotubes	Oral	<a href="#">Shantal Sewsunker</a> <sup>a,*</sup> and Holger B. Friedrich
32	Sitha, Sanyasi	Univ of the Witwatersrand	A computational study on the reaction between ethylene and ammonia: alternatives to catalysis	Oral	<a href="#">Sanyasi Sitha</a> and Linda L. Jewell

33	Smit, Martie	Univ of the Free State Rhodes Univ, Grahamstown	Terminal hydroxylation of octane by a bacterial cytochrome P450 monooxygenase	Oral	<u>Martie Smit</u> <sup>a,b</sup> , Rama Krishna Gudimanchi <sup>a,b</sup> , Charlene Randall <sup>a,b</sup> and Dirk Opperman <sup>a</sup>
34	Walmsley, Ryan		Polymer-Supported Vanadium Catalysts for Oxidation Reactions.	Oral	<u>Ryan S. Walmsley</u> , Zenixole R. Tshentu
35	Zheng, Feng	Univ of Cape Town	Studies on cyclometallated palladium-catalyzed olefin oligomerization reactions: theoretical and experiment studies	Oral	<u>Feng Zheng</u> <sup>a</sup> , A.T. Hutton <sup>a</sup> , S.F. Mapolie <sup>b</sup> and C.G.C.E. van Sittert