

# Scientific Program

<b>November 7 (Sunday)</b>	
<b>12:00-20:00</b>	<b>Registration (Bayshore Hotel)</b>
<b>16:00-16:10</b>	<b>Opening Ceremony (BioTechnology Building, DICP)</b>
<b>16:10-16:50</b>	<b>Xinhe Bao</b> Catalysis with the Nano-Structured Carbon Materials
<b>16:50-17:30</b>	<b>Gabriele Centi</b> Nanocarbons materials to prepare catalysts with enhanced properties
<b>18:30-20:00</b>	<b>Reception (BioTechnology Building, DICP)</b>
<b>November 8 (Monday)</b>	
<b>8:00-18:00</b>	<b>Registration (BioTechnology Building, DICP)</b>
<b>Session 1</b>	<b>Chairperson: Philippe Serp; Sheng Dai</b>
<b>8:30-9:10</b>	<b>Dangsheng Su</b> sp <sup>3</sup> Nanocarbon for Catalysis
<b>9:10-9:50</b>	<b>Krijn P. de Jong</b> Carbon Nanofiber Supported Cobalt and Iron Catalysts for Synthesis Gas Conversion
<b>9:50-10:10</b>	<b>Anders Holmen</b> Fischer-Tropsch Synthesis on Co Catalysts Supported on Carbon Nanofibers
<b>10:10-10:30</b>	<b>Zheng Hu</b> Growth Mechanism, Structural Regulation and Electrocatalytic Applications of Carbon-Based Nanotubes
<b>10:30-10:50</b>	<b>Coffee Break</b>
<b>10:50-11:30</b>	<b>Philippe Serp</b> Carbon nanotubes based catalysts: some attempts to exploit the effects of the support
<b>11:30-11:50</b>	<b>Sabine Wrabetz</b> Microcalorimetric investigation on nanocarbon and metal supported on nanocarbon for heterogeneous catalysis and electrocatalysis
<b>11:50-12:10</b>	<b>Zhenping Zhu</b> New concepts for the controllable construction of carbon nanostructures and their catalytic functions in new energy processes
<b>12:10-13:30</b>	<b>Lunch (BioTechnology Building, DICP)</b>
<b>Session 2</b>	<b>Chairperson: Gabriele Centi; Hu Zheng</b>
<b>13:30-14:10</b>	<b>Martin Muhler</b> Carbon nanotubes - a versatile support in electrocatalysis
<b>14:10-14:50</b>	<b>Ye Wang</b> Utilization of Carbon Nanotubes for Selective Conversions of Syngas and Biomass
<b>14:50-15:10</b>	<b>Wei Xia</b> Highly active Co-based bulk catalyst for carbon nanotubes growth: the initial stage of the growth and the role of promoters
<b>15:10-15:30</b>	<b>Qiang Zhang</b> Mass production of vertically aligned nitrogen-doped carbon nanotubes on lamellar

	catalyst by fluidized bed process
15:30-15:50	Coffee Break
15:50-18:00	Poster Session
18:30-20:00	Dinner (Beauty Crystal Palace, Bayshore Hotel)
November 9 (Tuesday)	
8:00-18:00	Registration (BioTechnology Building, DICP)
Session 3	Chairperson: Krijn P. de Jong; Ye Wang
8:30-9:10	<b>Joaquim Luis Faria</b> Carbon Modified Metal-Oxide Composites: Expanding the Range of Carbon Applications to Photocatalysis
9:10-9:50	<b>V. A. Likholobov</b> New trends in synthesis of porous nanostructural carboneous materials and its application in catalysis and adsorption
9:50-10:10	<b>Zheng Xu</b> A Non-metal Catalyst for Activation of Molecular Hydrogen and C-H bond with Comparable Catalytic Hydrogenation Capability to Noble Metal Catalyst
10:10-10:30	<b>Hao Yu</b> Cyclohexane Oxidation Catalyzed by Metal-free Carbon Materials
10:30-10:50	Coffee Break
10:50-11:30	<b>Jacob A. Moulijn</b> Structuring of carbon based catalytic reactors, an avenue to superior precision
11:30-11:50	<b>Kiyotaka Nakajima</b> SO <sub>3</sub> H-bearing Mesoporous Carbon with High Selective Catalysis
11:50-12:10	<b>Galina Karpacheva</b> Nanostructured metal-carbon membrane catalysts, based on carbonized PAN
12:10-13:30	Lunch (BioTechnology Building, DICP)
Session 4	Chairperson: Martin Muhler; Qiang Fu
13:30-14:10	<b>Teresa J. Bandoz</b> Understanding reactive adsorption on activated carbons: Importance of surface features
14:10-14:50	<b>Pavel A. Simonov</b> New approaches for studying heterogeneity of carbon surfaces
14:50-15:10	<b>Johannes H. Bitter</b> Controlling carbon nanofiber based noble metal catalysts for selective hydrogenations
15:10-15:30	<b>Xiaofeng Guo</b> Hydrogenation of Benzaldehyde Catalyzed by CNTs Supported Palladium and Nickel Catalysts
15:30-15:50	<b>Päivi Mäki-Arvela</b> One-pot synthesis of R-1-phenylethyl acetate over Pd/ N-VGCF: Effect of reduction temperature
15:50-16:10	Coffee Break
16:10-16:30	<b>Stijn Van de Vyver</b> Carbon-Based Catalytic Strategies for the Conversion of Cellulosic Biomass
16:30-16:50	<b>Shaobin Wang</b> Cobalt Doped Carbon Aerogel for Heterogeneous Catalytic Oxidation of Phenol in

	Water Using Sulfate Radicals
16:50-17:10	<b>Laura Prati</b> Tuning the hydrophilicity properties of CNTs for alcohol oxidation in polar and apolar solvent
18:30-20:00	<b>Conference Dinner (La Gauche de Malin)</b>
November 10 (Wednesday)	
Session 5	Chairperson: De Chen; Xiulian Pan
8:30-9:10	<b>Yoong Ahm Kim</b> Potential applications of nano-carbons for smart grid
9:10-9:50	<b>Sheng Dai</b> Tailoring mesoporous carbon materials for energy-related applications
9:50-10:10	<b>Anhui Lu</b> Spatially Selective Synthesis of Stable Fe-based Ordered Mesoporous Catalysts for Ammonia Decomposition
10:10-10:30	<b>Z.R.Ismagilov</b> Synthesis and study of nitrogen-containing carbon materials decorated by cobalt
10:30-10:50	Coffee Break
10:50-11:30	<b>Zhongfan Liu</b> sp <sup>2</sup> Nanocarbons: From Controlled Growth to Band Structure Engineering
11:30-11:50	<b>Zhongyong Yuan</b> Ordered mesoporous carbons: robust catalysts for dehydrogenation of propane to propylene
11:50-12:10	<b>Alimorad Rashidi</b> Production of Active Carbon from Walnut Shell for Hydrogen Storage
12:10-14:00	Lunch (BioTechnology Building, DICP)
13:30-18:00	Symposium End