

Posters for the 5th joint NanoDay

June 1st 2012

Poster Number	Poster Titel
1	First results of cross section TEM and EELS studies of UNCD films after wet chemical oxidation and Ar/O ₂ RIE plasma treatments
2	Non-volatile computing with field-coupled nanomagnets
3	A Small-Scale Foot Print Technology
4	Bimetallic Cu-Ni alloys for CO hydrogenation
5	Electron transfer and electrocatalysis of Prussian blue nanoparticles confined on surfaces with different chemical properties
6	Nanoproductdatabasen - New Danish product database
7	Supported Ir nanoclusters in catalysis: particle size effect on the direct ring opening of cyclohexane
8	Assembly and Electronics of Ferrocene based Molecules
9	Genetic algorithm optimization for nanoparticle catalysts prediction
10	Lithium borohydride as a solid electrolyte material
11	Spontaneous and Fast Growth of Large-area Graphene Nanofilms Facilitated by Oil/Water Interfaces
12	In-situ environmental transmission electron microscope investigation of NiGa nanoparticle synthesis
13	High Mass Resolution Time of Flight Mass Spectrometer for Measuring Products in Heterogeneous Catalysis in Highly Sensitive Microreactors
14	Computational Screening of Perovskite Metal Oxides for Solar Light Capture
15	Electrochemistry of single DNA-based molecules.
16	Density functionals for surface science
17	Electrolysis of ammonia on highly undercoordinated surfaces
18	Computational Design of New Materials for Ammonia Storage
19	InGaAsP photonic crystal nanocavities with a Fano line shape resonant at 1.55 μm
20	Characterization of batteries using electrical impedance spectroscopy
21	The GW method in GPAW
22	Fitting Semi Empirical Potentials for Modelling Nanoalloys for Fuel Cell Applications
23	Ab initio calculations of the electronic properties of polypyridyl transition metal complexes
24	Photocatalytic water splitting in micro-reactor
25	A generic model for photocatalytic activity as a function of catalyst thickness
26	Assessing the Environmental Risks of Nanomaterials: A Comparison of Risk Assessment Frameworks.
27	Uptake and long-term effects in <i>Daphnia magna</i> of gold nanoparticles produced by "green" synthesis
28	Electrochemical preparation, characterization and activity of noble metal nanoparticles on single crystalline CVD diamond surfaces
29	Micro- and Nanostructuring of thin layers for the application in organic photovoltaics
30	- Refractive index determination of micro- and nanoparticles

