INTAS

Thematic Call for Research Project Proposals
on "Hydrogen Technology and Biomass Conversion Technology for Energy Generation" 2005
Funded Projects

ID	Title	Role	Institution	City	Country
1000005-7662	**Specific Lipase Catalyzed production of Biodiesel**	**CO**	Universität Stuttgart / Institute of Technical Biochemistry	Stuttgart	Germany
		Team 01	School of Chemical Engineering / Process Analysis & Plant Design	Athens	Greece
		Team 02	Institute of Microbiology / Enzymes of microorganisms	Tashkent	Uzbekistan
		Team 03	Institute of Bioorganic Chemistry / Protein and Peptide Chemistry	Tashkent	Uzbekistan
1000005-7663	**Sustainable Route to the Generation of Synfuels via Syngas Derived from Biomass**	**CO**	University of Limerick / Chemical and Environmental Science Department	Limerick	Ireland
		Team 01	University of Twente / Faculty of Science & Technology	Enschede	The Netherlands
		Team 02	Boreskov Institute of Catalysis / Department of Heterogeneous Catalysis	Novosibirsk	Russia
		Team 03	Topchiev Institute of Petrochemical Synthesis / Laboratory of Kinetics	Moscow	Russia
		Team 04	Techno Invent Ingenieurs bureau /	Zoetermeer	The Netherlands
1000005-7664	**Hydrogen production and safety promotion by innovative processes**	**CO**	Centre National de la Recherche Scientifique (CNRS) / Département des Sciences pour l'Ingénieur	Orléans	France
		Team 01	Moscow Institute of Physics and Technology / Physics and Nonequilibrium Systems Laboratory	Dolgoprudnyi, Moscow Region	Russia
		Team 02	Institute of Structural Macrokinetics and Materials Science / Macrokinetics Research Centre	Chernogolovka, Moscow Region	Russia
		Team 03	All-Russia Research Institute for Fire Protection / Fire Protection of Industrial Objects	Balashikha	Russia
		Team 04	Consiglio Nazionale delle Ricerche (CNR) / Istituto per l'Energetica e le Interfasi-IENI	Milano	Italy
		Team 05	Consiglio Nazionale delle Ricerche (CNR) / Istituto di Fisica del Plasma-IFP	Milano	Italy
		Team 06	Université d'Orléans / Département des Sciences pour l'Ingénieur	Orléans	France
1000005-7665	**NEW ALANE: Novel Reversible Hydrogen Storage Materials Based on the Alloys of Al**	**CO**	Institute of Energy Technology / Department of Energy Systems	Kjeller	Norway
		Team 01	Institute of Physical Chemistry of Polish Academy of Sciences / Department of Physical Chemistry of Solids	Warsaw	Poland
		Team 02	Institute of Problems in Chemical Physics / Department of Functional Inorganic Materials	Chernogolovka, Moscow Region	Russia
		Team 03	Institute of Solid State Physics / Laboratory of High Pressure Physics	Chernogolovka, Moscow Region	Russia
		Team 04	Moscow State University (MGU) / Faculty of Chemistry	Moscow	Russia
		Team 05	Institute of Problems of Material Science of NASU / Laboratory #67: Investigations of the processes and systems of hydrogen & helio-hydrogen energy	Kiev	Ukraine

INTAS

Thematic Call for Research Project Proposals
on "Hydrogen Technology and Biomass Conversion Technology for Energy Generation" 2005
Funded Projects

ID	Title	Role	Institution	City	Country
1000005-7667	**Improved Photo-electrolysis technology based on novel Nanocomposites for production of sustainable Hydrogen**	**CO**	Delft University of Technology / Applied Sciences	Delft	The Netherlands
		Team 01	Karpov Institute of Physical Chemistry / Physical Chemistry Department	Moscow	Russia
		Team 02	Semenov Institute of Chemical Physics / Chemical Physics	Moscow	Russia
		Team 03	Transilvania University of Brasov / Chemistry Department	Brasov	Romania
1000005-7669	**Mechanically alloyed magnesium-based materials for hydrogen storage**	**CO**	Institut de Chimie de la Matière Condensée de Bordeaux (ICMCB) CNRS & CEA / New Materials for Hydrogen Storage (ICMCB-UPR 9048)	Bordeaux	France
		Team 01	Institute of General and Inorganic Chemistry (BAS) /	Sofia	Bulgaria
		Team 02	Institute of Solid State Chemistry and Mechanochemistry / Solid State Chemistry	Novosibirsk	Russia
1000005-7671	**Development of novel intermetallic materials with enhanced hydrogen storage properties**	**CO**	Centre National de la Recherche Scientifique (CNRS) / ISCSA - Institut des Sciences Chimiques de Seine Amont	Thiais	France
		Team 01	University of Geneva / Laboratory of Crystallography	Geneva	Switzerland
		Team 02	Institute of Physical Chemistry of Polish Academy of Sciences / Physical chemistry of Solids	Warsaw	Poland
		Team 03	Physico-Mechanical Institute / Hydrogen Technology and Metal Hydride Sciences	Lvov	Ukraine
		Team 04	I.N. Frantsevich Institute for Problems of Materials Science of the National Academy of Siences of U / Department of Nanostructural Materials	Kiev	Ukraine
		Team 05	Ivan Franko Lviv State University / Inorganic Chemistry Department	Lvov	Ukraine
1000005-7672	**Hydrogen Generation and Storage by Highly-PorousNanocomposites**	**CO**	Georg August Universität Gottingen / Materials Physics	Göttingen	Germany
		Team 01	Semenov Institute of Chemical Physics / Kinetics and Catalysis	Moscow	Russia
		Team 02	Charles University of Prague / Faculty of Mathematics and Physics	Prague	Czech Republic
		Team 03	Institute of Metal Physics / Department of Physics	Ekaterinburg	Russia
1000005-7726	**Metal-Decorated Single-Walled Carbon Nanotubes for Hydrogen Storage at Ambient Conditions**	**CO**	University of Twente / Department of Science and Technology	Enschede	The Netherlands
		Team 01	Consejo Superior de Investigaciones Cientificas (CSIC) / Institute of Carbochemistry	Zaragoza	Spain
		Team 02	Institute of Surface Chemistry / Department of Surface Chemistry and Nanomaterials	Kiev	Ukraine
		Team 03	Boreskov Institute of Catalysis / Department of Heterogeneous Catalysis	Novosibirsk	Russia
		Team 04	Institute of Metal Physics of NASU / Department of Surface Spectroscopy	Kiev	Ukraine

INTAS

Thematic Call for Research Project Proposals
on "Hydrogen Technology and Biomass Conversion Technology for Energy Generation" 2005
Funded Projects

ID	Title	Role	Institution	City	Country
1000005-7729	**Hydrogen Reservoirs based on Porous Silicon Nanostructures for Portable Devices**	**CO**	Institut National des Sciences Appliquées (INSA) / Department of Electrical Engineering	Villeurbanne	France
		Team 01	St.Petersburg State University / Institute of Chemistry	St.Petersburg	Russia
		Team 02	Taras Shevchenko National University of Kiev / Radiophysics	Kiev	Ukraine
		Team 03	Politecnico di Torino / Material Science and Chemical Engineering	Torino	Italy
1000005-7730	**Non-Conventional Yeasts: Metabolic Engineering for development of improved bio-fuel producing strains**	**CO**	RWTH Aachen / Department of Biology IV (Microbiology and Genetics)	Aachen	Germany
		Team 01	University of Dublin, Trinity College / Smurfit Institute of Genetics	Dublin	Ireland
		Team 02	Institute of Microbiology and Virology of NASU / Department of Microbial Biotechnology	Kiev	Ukraine
		Team 03	Lund University / Cell and Organism Biology	Lund	Sweden
		Team 04	Institute of Cell Biology of NASU / Department of Molecular Genetics and Biotechnology	Lvov	Ukraine
		Team 05	Technical University of Denmark (TUD) / Biocentrum-DTU	Lyngby	Denmark
		Team 06	Università di Milano / Biomolecular Science and Biotechnology	Milano	Italy
		Team 07	Institute of Gene Biology / Department of Molecular Biology of DNA Repair	Moscow	Russia
		Team 08	Swedish University of Agricultural Sciences (SLU) / Microbiology	Uppsala	Sweden
		Team 09	Institute of Vine and Wine “Magarach" / Department of Chemistry and Biochemistry of Wine	Yalta	Ukraine
1000005-7745	**Competitive hydrogen from agro-forestry residuesSubtitle:New four step process, dealing with the tar problem**	**CO**	European Biomass Industry Association (EUBIA) / General Secretary	Brussels	Belgium
		Team 01	ETA - Energia, Trasporti, Agricoltura (S.R.L. Firenze). / International Division	Firenze	Italy
		Team 02	Heat and Mass Transfer Institute / Chemical Physics laboratory	Minsk	Belarus
		Team 03	Università di Sassari / Department of Chemistry	Sassari	Italy
		Team 04	Boreskov Institute of Catalysis / Group of catalytic technologies of carbon material synthesis	Novosibirsk	Russia
		Team 05	SOWENA /	Moscow	Russia