

The 5th International Conference
“HYDROGEN ECONOMY
AND HYDROGEN TREATMENT OF MATERIALS”
(HTM–2007)

Ukraine, Donetsk, May 21–25, 2007

The general idea of the HTM–2007:

At this historical moment a critical question of the world hydrogen movement is a necessity of a wide information exchange among leading representatives of hydrogen energy community, hydrogen–materials–safety one and of industrials, having an experience in hydrogen production and employment. With good reason one can expect that just this exchange of views and knowledge will initiate a new understanding of the main bifurcation points on the way to hydrogen civilization.

The Subject Matter of the HTM-2007

- Plenary Sessions:**
- Advances in the vectorial movement “Hydrogen Energy → Hydrogen Economy→Hydrogen Civilization”
 - Problems of Safety and Efficiency of Hydrogen Technologies and Hydrogen Energy Systems
- Section Sessions:**
- Theory and Technology of Hydrogen Treatment of Materials; Hydrogen-induced Structure and Phase Transformations
 - Noble and Rare Metals in Fuel Cells and Hydrogen Energy Technologies
 - Hydrogen Degradation of Materials; Prevention of Unpredicted Hydrogen Wrecks in Gas, Chemical, Petrochemical and Atomic Industry
- Round-Table Meeting:**
- Hydrogen Economy and Materials: Are There Any Troubles on the Road to Hydrogen Civilization?

Co-organizers:

**INTERNATIONAL ASSOCIATION FOR HYDROGEN ENERGY
THE JOINT SCIENTIFIC AND COORDINATIONAL COUNCIL ON THE PROSPECTS
OF TRANSITION TO HYDROGEN ECONOMY
PERMANENT WORKING INTERNATIONAL SCIENTIFIC COMMITTEE
ON HYDROGEN TREATMENT OF MATERIALS**

**UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
INTERNATIONAL CENTER ON HYDROGEN ENERGY TECHNOLOGIES
UNIDO-ICHET**

DONETSK NATIONAL TECHNICAL UNIVERSITY

in cooperation with some Ukrainian, Russian and international scientific organizations.

To know more about HTM-conferences, please, see The International Journal of Hydrogen Energy (1997, Vol. 22, No. 2/3; 1999, Vol. 24, No. 9; 2002, Vol. 27, No. 7–8; 2006, Vol. 31, No. 2) and visit the Website: www.dgtu.donetsk.ua/hydrogen/

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