Preface


In this century, man will face serious problems related to atmospheric pollution, global warming, energy supply and as a result, new materials will be needed in order to reduce our dependency on carbon-containing fuels. For this reason, in this symposium, a special emphasis was placed on hydrogen related topics and electrochemical/chemical properties of advanced materials for new energy sources such as fuels cells, advanced batteries, supercapacitors, hydrogen production and storage compounds etc. The new materials include but are not limited to those made by non-equilibrium processing techniques such as rapid-quenching, sputter-deposition, mechanical alloying, gas-phase evaporation-condensation, plasma techniques etc. Examples of such materials are nanocrystalline alloys, nanotubes, quasi-crystals, bulk amorphous alloys, nano-porous materials etc.

The Symposium's International Scientific and Steering Committee, whose members are listed below has accepted the invitation of Professor Annick Percheron and Dr. Eric Labbé to hold the next symposium in France.

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