PROGRAMME
WORK IN PROGRESS WORKSHOP FOR YOUNG RESEARCHERS IN HYDROGEN SAFETY

10 September 2007

INASMET-Tecnalia, Paseo Mikeletegi 2, E-20009 San Sebastián, Spain

13:45-14:00	Opening *by* **Dr. Azkarate Peña Iñaki** INASMET-Tecnalia, San Sebastián, Spain

	Presentations by Young Researchers *Chaired by* **Dr. Thomas Jordan**, Institut fur Kern- und Energietechnik, Forschungszentrum Karlsruhe, Germany
14:00-14:10	**Franck Verbecke.** LES of Hydrogen-air deflagrations in a 78.5 m tunnel. University of Ulster, United Kingdom
14:10-14:20	**Lailla El Hima.** Numerical simulation on hydrogen fuel jetting from high pressure tank. Kingston University of London, United Kingdom
14:20-14:30	**Maxim Bragin.** Notional nozzle concepts in modelling of highly underexpanded jets. University of Ulster, United Kingdom
14:30-14:40	**Sile Brennan.** Modelling for risk evaluation in the HYPER project. University of Ulster, United Kingdom
14:40-15:00	*Questions/Break*

	Presentations by Young Researchers *Chaired by* **Prof. Vladimir Molkov**, University of Ulster, United Kingdom
15:00-15:10	**Coralie Joseph-Auguste.** Modelling of water spray behaviour as hydrogen-air flame mitigator applied to nuclear reactor safety. Commissariat a l Energie Atomique, France
15:10-15:20	**Mateusz Zbikowski.** Numerical simulations of large scale detonation and deflagration-to-detonation transition. University of Ulster, United Kingdom
15:20-15:30	**Jorge Yanez Escanciano.** Performance of LES models in simulations of industrial applications. Institut fur Kern- und Energietechnik, Forschungszentrum Karlsruhe, Germany
15:30-15:40	**Erik Ducousso.** Numerical study of flame propagation of hydrogen-air mixture in an obstructed channel. Kingston University of London, United Kingdom
15:40-16:00	*Questions/Break*

	Presentations by Young Researchers *Chaired by* **Prof. Jennifer Wen**, Kingston University of London, United Kingdom
16:00-16:10	**Enrico Deri.** H2 release in a vehicle environment: gas flow and explosive volume formation. Commissariat a l Energie Atomique, France
16:00-16:20	**Stephan Kelm.** Studies on the passive cooling of catalyst elements for application in catalytic hydrogen recombiners. Forschungszentrum Juelich, Germany
16:20-16:30	**Kjersti Ottestad Holmefjord.** A best practice model for estimating ignition probabilities for H2 for use in quantitative risk assessments. Det Norske Veritas, Norway

16:30-17:00	*Round Table Discussion* *Chaired by* **Dr. Alexei Kotchourko,** Institut fur Kern- und Energietechnik, Forschungszentrum Karlsruhe, Germany

20:00-22:00	*Dinner*
	Restaurant: LA PERLA (Centro) Pº de La Concha s/n, 20007 Donostia, San Sebastián, Tel.: 943 462 484