

United Nations University Zero Emissions Forum Symposium 2002
“Clean Energy and Zero Emissions – Towards a Sustainable Future with Hydrogen Energy”

Date	Time	Programme	
31 Oct. (Thu.)	09:45	Welcoming Remarks by Prof. Motoyuki Suzuki, Vice-Rector of UNU and Chairman of The Japan Society for the Promotion of Science No.168 Committee(JSPS)	
	10:00	Opening Remarks by Dr. Keizo Yamaji, Chairman of United nations University Zero Emissions Forum (UNU/ZEF)	
	10:15	Keynote Lecture by Dr. Amory B. Lovins, CEO of Rocky Mountain Institute	
	11:05	“Accelerating the Hydrogen Transition” Invitational Lecture by Dr. Haruki Tsuchiya, President of Research Institute for Systems Technology	
	11:55	“Prospects and Issues for Hydrogen Energy Society” by	
	13:15	Lunch Break Session1: Feasibility of Hydrogen System Technologies Lecture by Prof. Iwane Fujii, School of Science and Technology, Meiji University “Renewable Energies and The Role of Hydrogen in the Use of Renewable Energies” Lecture by Mr. Yuji Kawaguchi, Senior Chief Engineer of Wako Research Center, Honda R&D Co., Ltd. “Present Status and Issues on R&D of Fuel Cell Cars” Lecture by Dr. Markus Baur, Director of Engineering Group, BMW Japan “Hydrogen Vehicles-From Research into Series Production” Lecture by Prof. Yasuhiro Daisho, Faculty of Science and Engineering, Waseda University “Comparison of Conventional Engines and Fuel Cell Systems-Performance, Environmental Characteristics and Competitiveness”	
	15:55	Coffee Break	
	16:10	Session2: Research, Developments and Economical Aspects of Hydrogen Energy Lecture by Mr. Masao Takebayashi, Director of Environmental Engineering Group, Ebara Corporation “Biomass and Biomass and Re-finery for Hydrogen Production” Lecture by Prof. Yutaka Tamaura, Research Center for Carbon Recycling and Energy, Tokyo Institute of Technology “An Overview of Hydrogen Production Method” Lecture by Prof. Hironobu Fujii, Faculty of Integrated Arts and Sciences, Hiroshima University	
	18:10	“An Overview of Storage and Transportation Technology” Concluding Remarks by Dr. Akio Suzuki, Natural Sciences Sector, UNESCO and Visiting Professor, Tokyo Institute of Technology	
	1 Nov. (Fri.)	9:45	Keynote Speech by Prof. Bragi Arnason, Science Institute, University of Iceland “Creating a Non-Fossil Energy Economy in Iceland”
		10:35	Special Lecture by Mr. Gabriel F. de Scheemaker, CFO of Shell Hydrogen B.V. “International Policy Perspectives on Hydrogen”
		11:25	Invitational Lecture by Dr. Takuya Honma, Executive Director of Fuel Cell Development Information Center “The Current Status of R&D and Use of Fuel Cells in Japan”
		12:15	Lunch Break
		13:45	Session3: Initiatives to Promote Development of Hydrogen Energy Systems Lecture by Dr. Akio Suzuki, Natural Science Sector, UNESCO/Visiting Professor, Tokyo Institute of Technology “Report on Germany’s Solar Hydrogen Project” Lecture by Dr. Hiroshi Yoshida, Executive Director of New Energy and Industrial Technology Development Organization
16:15		“Polymer Electrolyte Fuel Cell/Hydrogen Utilization Program”	
16:30		Coffee Break	
18:10		Panel Discussion “Prospects and Issues for Realization of a Hydrogen Energy Society”	
18:30		Closing Remarks by Prof. Tadahiro Mitsuhashi, Faculty of Policy Informatics, Chiba University of Commerce	

Simultaneous English-Japanese interpretation will be provided.

For registration details, please contact UNU/ZEF Secretariat: Tel. (03) 3499-2811, Fax (03) 3406-7346

Participation fees (no fees for the members of the press, UNU/ZEF member organizations and No.168 Committee):

<u>Category</u>	<u>Symposium (for two days)</u>	<u>Reception (from 18:45 on 31 October)</u>
General public	¥20,000/person	¥3,000/person
Students	¥10,000/person	¥3,000/person