

Program(final)

Time		January 12th	January 13th
		Tuesday	Wednesday
8:00	00	Registration	Registration
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8:30	30	Opening Remarks	Takeshi Iyata (IHI Corporation) (planned) Study for structural assessment method of cylindrical storage tank against large-scale earthquake and tsunami
	40	Dr. Masanori Hamada (Professor, Waseda University, Chairman of Asian Disaster Reduction Center) Measures for Earthquake-Resistance Enhancement of Industrial Complexes around Tokyo Bay	Takashi Ohno (The High Pressure Gas Safety Institute of Japan/Aoyama Gakuin University) Seismic resistance capacity on pipe braced supporting frame of spherical tank
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9:00	00	Dr. Angelica Baylon (Professor, Maritime Academy of Asia and the Pacific Phillipine) Introducing MAAP, its partners and the Bataan Integrated Coastal Management System (ICM) : Implications to NATECH2016	Dr.Naomi Kato (Professor, Osaka University) Activities of Research Initiative for Natural Disaster Prevention of Oil and Gas Spill in Industrial Parks
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9:30	30	Coffee Break	Coffee Break
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10:00	00	Dr. Masao Furusho (Professor, Kobe University, Head of International Maritime Research Centre) Emergency Ship Evacuation for risk reduction on chemical accidents triggered by TSUNAMI at Sea Port from the aspects of Maritime Sciences	Dr. Hirotsada Hashimoto (Associate Professor, Kobe University) Sloshing of an oil tank in Osaka bay area caused by an estimated Nankai Trough earthquake
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10:30	30	Katsuyuki Miyamoto (Osaka Coast Guard Office, Head of Sakai JCG Security Headquarter Department) Measures of Reducing Damage caused by Tsunami for Major Vessel Carrying Dangerous Cargo at Sakai Semboku Port	Wai Phyo Kyaw (Osaka University) Numerical studies on multiphase flow in tsunami with oil spill in Osaka bay
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11:00	00	Dr. Mieko Kumasaki (Associate Professor, Yokohama National University) The analysis of physical effect of natural hazard for Natech risk assessment	Wataru Kunimatsu (Osaka University) Experimental study on tsunami wave load acting on storage tank in coastal area
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11:30	30	Dr. Ana Maria Cruz (Professor, Kyoto University) IN-ASIA-NATECH; INter-ASIAN initiative on Joint NATURAL and TECHnological (Natech) Risk Reduction at Industrial Estates	Lunch
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12:00	00	Lunch	Lunch
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12:30	30	Lunch	Lunch
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13:00	00	Dr. Sandhya Babel, Associate Professor (Thammasat University, Thailand) Impacts of flood disaster on industries in Thailand	Dr. Rahma Hanifa (Institut Teknologi Bandung, Indonesia) Toward Indonesia Dense Ocean Floor Network System For Earthquake and Tsunami (INA-DONET) for Seismic Hazard Mitigation in Indonesia
	10	Dr. Takaaki Shigematsu (Professor, of Osaka City University) Activity of the CERD on social implementation of knowledge for urban disaster management	Taira Tsuneyasu (Osaka University) FDS Analysis of pool fire in large scale flat bottom tank of crude oil
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13:30	30	Takeshi Komino (CWS Japan, General Secretary) Risk disclosure for community protection from Natech disasters	Lanurak Phongnumkul (Osaka University) CFD simulation of water curtain for gas dispersion
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14:00	00	Dr. Isamu Fujita (Port and Airport Research Institute) Experimental study on bubble curtain for blocking and eliminating drifting oil in port area	Jyunpei Shimakawa (Osaka University) Analytical study on multiple defenses with use of earth bank against tsunami at petrochemical complex
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14:30	30	Coffee Break	Coffee Break
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15:00	00	Dr. Shoichi Hara (National Maritime Research Institute) Recovery of Heavy Fuel Oil from Sunken Ships by High Frequency Induction Heating Method	Takuya Okubayashi (Osaka University) A study of the method to reduce damages by tsunami applying flexible pipes
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15:30	30	Mayuko Nakamura (National Maritime Research Institute) Distribution of tsunami-spilled oil in seabed sediments in Kesennuma Bay	Thaw Tar (Osaka University) Experimental and numerical study on the reduction of tsunami flow using multiple flexible pipes
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16:00	00	Keiko Kiyohara (Kyoto University) Incidence of chemical accidents caused by natural hazard events in Japan	Dr. Hidenari Makino (Osaka University) Analysis of a Latent Risk of Ship Evacuation during a Tsunami using Ship BIG Data
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16:30	30	Haruki Suda (Kyoto University) Natech risks and evacuation shelters in areas subject to earthquake and tsunami hazards	Xinjia Gao (Kobe University) Analysis of the anchoring ships around the coastal industrial complex in a stormy weather
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17:00	00	Closing Remarks	Closing Remarks
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17:30	30	social at Cultural Salon located at 9th floor	social at Cultural Salon located at 9th floor
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18:00	00	social at Cultural Salon located at 9th floor	Keynote Speech
	10		Invited Speech
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18:30	30	social at Cultural Salon located at 9th floor	social at Cultural Salon located at 9th floor
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19:00	00	social at Cultural Salon located at 9th floor	social at Cultural Salon located at 9th floor
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