

6th International OTEC Symposium Program

(tentative)

September 26th

Start	End	Time	Title	Speaker
8:30	- 9:00	0:30	Registration/Check-in	
			Welcome Ceremony	
9:00	- 9:10	0:10	Executive Committee	Ikegami Yasuyuki
9:10	- 9:20	0:10	OIST Welcome	Robert Baughman
9:20	- 9:50	0:30	Keynote	Luis Vega
9:50	- 10:00	0:10	Break	
			Session 1	OTEC FS/Project I
10:00	- 10:15	0:15	Demonstration at Sea and Feasibility Study for 10MW-class Offshore Floating OTEC	Yuka Kitakoji
10:15	- 10:30	0:15	Extensive Oceanographic Measurement Campaign for OTEC Project	Florent Guinot
10:30	- 10:45	0:15	Progress made in Ocean Thermal Energy-Driven Development in Malaysia	A. Bakar Jaafar
10:45	- 11:00	0:15	Electric Power of the OTEC Cycle in the Mexican Pacific Ocean	Alejandro García Huante
11:00	- 11:15	0:15	Discussion	
11:15	- 11:25	0:10	Break	
			Session 2	OTEC FS/Project II
11:25	- 11:40	0:15	Overview of OTEC Demonstration on Kumejima	Benjamin Martin
11:40	- 11:55	0:15	Onshore OTEC as a SEED for Large Ocean States	Julien Blanc
11:55	- 12:10	0:15	Progress in the Selection of Adequate Locations for OTEC Plants in Mexico	Miguel Alatorre
12:10	- 12:25	0:15	Advanced Cycles and Heat Exchangers on OTEC Technology	Yasuyuki Ikegami
12:25	- 12:40	0:15	Discussion	
12:40	- 13:50	1:10	Lunch	
13:10	- 13:50	0:30	Poster Session	Multiple
13:50	- 14:20	0:30	Keynote	M. Takahashi
			Session 3	DOWA/ OTEC Combined Use
14:20	- 14:35	0:15	The Design and Feasibility on Offshore Complex Float Producing Electric Power, Fresh Water and Fishing Ground by Using Deep Ocean Water	Takayuki Watanabe
14:35	- 14:50	0:15	Optimization of OTEC Plant Performance by Heat Exchanger Biofouling Control	Françoise Duboi
14:50	- 15:05	0:15	Heat Transfer Characteristic of a Heat Exchanger using Aluminum Alloy Plate for OTEC	Hirofumi Arima
15:05	- 15:20	0:15	OTEC Combined to Industrial Site	Pierre Guerin
15:20	- 15:35	0:15	Realization of Surface Textured Mechanical Seals for Tidal Turbine	Yuta Negishi
15:35	- 15:50	0:15	Discussion	
15:50	- 16:00	0:10	Break	
			Session 4	OTEC Technology
16:00	- 16:15	0:15	Hybrid OTEC System – The First Experimental Test Rig in Malaysia	Sathiabama T. Thirugnana
16:15	- 16:30	0:15	Current Status of Web-based Simulator and Control System for OTEC Plant Using Double-stage Rankine Cycle	Yoshitaka Matsuda
16:30	- 16:45	0:15	Heat Exchanger Development	Sébastien Vimeux
16:45	- 17:00	0:15	Application of Finite-time Thermodynamics to Simplifying Heat Exchanger Performance Evaluation Method on OTEC	Takeshi Yasunaga
17:00	- 17:15	0:15	Advances in the Design and Simulation of the Components of a 1KWe OTEC Plant for the Mexican Caribbean Sea	Victor Romero
17:15	- 17:30	0:15	Discussion	
17:30	- 18:00	0:30	Discussion of Future OTEC (Open discussion)	
18:00	- 18:10	0:10	DAY 1 Closing	
18:10	- 18:30	0:20	(Transit to Hotel Moon Beach)	
18:30	- 20:30	2:00	Reception @Hotel Moon Beach - Registration Required	

September 27th

Start	End	Time	Title	Speaker
8:30	- 9:00	0:30	Resistration/Check In	
9:00	- 9:10	0:10	Welcome and Information	
9:10	- 9:40	0:30	Keynote	H. Kim
9:40	- 9:50	0:10	Break	
			Session 5	OTEC Simulation/Project
9:50	- 10:05	0:15	Numerical Process Design	Julien Blanc
10:05	- 10:20	0:15	Demonstration Plan of 1MW OTEC Plant Mounted on Rectangular Barge in the Southern East Sea of Korea	Yong-Ju Kwon
10:20	- 10:35	0:15	Dynamic Performance Simulation of OTEC Plant According to Seawater Temperature Change	Seung-Taek Lim
10:35	- 10:50	0:15	Experimental Study of EP-OTEC Cycle	Jung-Hyun Moon
10:50	- 11:05	0:15	Discussion	
11:05	- 11:15	0:10	Break	
			Session 6	OTEC Environment/ Policy
11:15	- 11:30	0:15	Performance Assessment of Seawater Air-Conditioning System using Filtered Seawater from Coastal Aquifer	Ho-Saeng Lee
11:30	- 11:45	0:15	The Characteristics of Thermal Discharge and Tidal Current in Coastal Waters of an OTEC Tarawa, Kiribati	Jongkyu Kim
11:45	- 12:00	0:15	Evaluation of Deep Sea Water Utilization for Remote Island's OTEC System through LCA	Natsumi Ono
12:00	- 12:15	0:15	An In-Depth Explanation of IEC's Finalised OTEC PT20 Guidance	Martin Brown
12:15	- 12:30	0:15	Discussion	
12:30	- 12:35	0:05	Closing	
12:35	- 13:00	0:25	Break	
13:00	- 14:30	1:30	(DEPART for NAHA AIRPORT)	

19:00	- 21:00	2:00	Optional Welcome Dinner / Drinks (3,000JPY) @ Nantoshokurakuen Restaurant	
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(Meet at Kume Island Hotel - Limited Seating)

September 28th

Start	End	Time	Optional OTEC / DSW Industry Tour Schedule
8:30	- 8:30	0:00	Hotel Departure from Kume Island
8:45	- 9:30	0:45	Okinawa Deep Seawater Research Center / OTEC Demonstration Facility
			Group Photo
9:30	- 9:40	0:10	Transport (ODRC to Fishery)
9:40	- 10:10	0:30	Fishery Cooperative (Kuruma Prawns)
10:10	- 10:20	0:10	Transport (Fishery to Cosmetics)
10:20	- 10:40	0:20	Point Pyuru (Cosmetic Company)
10:40	- 10:45	0:05	Transport(Cosmetic to Sea Grapes)
10:45	- 11:05	0:20	Sea Grapes
11:05	- 11:10	0:05	Transport (Sea Grapes to Oyster)
11:10	- 11:30	0:20	GO Farm (Oyster Research)
11:30	- 11:50	0:20	Transport (Oyster to Ocean Energy Symposium Venue)
12:00	- 13:00	1:00	Lunch (Available at Venue - 700JPY) - Optional Transit to Airport
13:00	- 17:30	4:30	9th Okinawa Hawaii Ocean Energy and Economic Development Symposium - Free
18:00	- 21:00	3:00	Kumejima Hawaiian Festival (Free Entry - Food and Drink, Self) - Optional Transit to Airport