

Tuesday 7th November 2017

8h30-9h30	Welcome
9h30-10h00	Coffee break
10h00-12h00	Opening Ceremony
12h00-14h00	Lunch break
14h00-14h30	<p>OTEC Policies and Finance. Chairman:</p> <ul style="list-style-type: none"> 14h00-14h15: Market drivers & Key Success Factors for OTEC commercialization. <i>Brochard Emmanuel</i> 14h15-14h30: Commercialization and financing of key OTEC/SWAC Projects. <i>Ted Johnson</i>
14h30-16h15	<p>OTEC Project & Opportunity. Chairman:</p> <ul style="list-style-type: none"> 14h30-14h45: Update presentation on recent technology and project developments in the Caribbean and Southeast Asia. <i>Jan Kleute</i> 14h45-15h00: OTEC instalation possibilities in Mexico. <i>Alatorre Miguel Angel, Garcia Alejandro, Estela Cerezo, Francisco Barcenas, Angel Jimenez, Silva Rodolfo</i> 15h00-15h15: Natural Ocean Current Patterns and Variability around Curaçao for Ocean Thermal Energy Conversion. <i>H.M.L. de Jong, B.J. Kleute</i> 15h15-15h30: The Application of Offshore Oil, Gas and Dredging Expertise to OTEC. <i>Martin Brown</i> 15h30-15h45: Overview of Potential for MW-Scale OTEC and DSW Use on Kumejima. <i>Martin Benjamin.</i> 15h45-16h00 : Current Developments and Future Prospects of OTEC in China. <i>Wang Ji, Dengwen Xia, Haifeg Wang</i> 16h00-16h15 : BARDOT OCEAN OTEC SYSTEMS. <i>Guy Bardot, Benjamin Gaszynski, Pierre Guerin</i>
16h15-16h45	Coffee break
16h45-17h30	<p>OTEC Technology I. Chairman:</p> <ul style="list-style-type: none"> 16h45-17h00: Performance test of OTEC plant on heat source temperature. <i>Ho-Saeng Lee, Seung-Taek Lim, Jung-Hyun Moon, Hyeon-Ju Kim.</i> 17h00-17h15: Conceptual Design of Fixed Ocean Thermal Energy Conversion (OTEC) Offshore Power Plant in Malaysia. <i>Abu Husain Mohd Khairi, A.B. Jaafar, E. Mat Soom, N.U. Auzman, G. Najafian</i> 17h15-17h30: Experimental analysis and performances of an ocean thermal energy conversion prototype in a tropical French overseas island. <i>Jean Castaing-Lasvignottes, Alexandre Dijoux, Frantz Sinama, Bertrand Clauzade, Olivier Marc.</i>
18h00-19h00	Cocktail - Saint Pierre City Hall

Wednesday 8th November 2017

8h30-10h30	Prototype visit + poster session
10h30-11h00	Coffee break
11h00-11h45	<p>OTEC Scientific challenges. Chairman:</p> <ul style="list-style-type: none"> 11h00-11h15: Dynamic modelling of an Organic Rankine Cycle applied to electricity production by the way of Ocean Thermal Energy Conversion (OTEC). <i>Alexandre Dijoux, Frantz Sinama, Olivier Marc, Bertrand Clauzade, Jean Castaing-Lasvignottes</i> 11h15-11h30: OTEC Performance Evaluation and Optimum Design Methods. <i>Yasunaga Takeshi, Takafumi Morisaki, Yasuyuki Ikegami</i> 11h30-11h45: Scientific Challenges in EIA Studies in the Deep Waters of the Tropics. <i>Su Suriyanti, Jaafar A. Bakar</i>
11h45-13h30	Lunch break
13h30-15h30	<p>OTEC Technology II. Chairman:</p> <ul style="list-style-type: none"> 13h30-13h45: Thermomechanical Analysis on Ocean Thermal Energy Conversion System with different Installed Capacity. <i>Li Zhang, Dashu Li, Yisen Liu, Xiaosuai Tian</i> 13h45-14h00: Working Fluids and Evaporating Pressure Optimization for Ocean Thermal Energy Conversion System. <i>Dashu Li, Li Zhang, Yisen Liu, Xiaosuai Tian</i> 14h00-14h15: BARDOT OTEC LAB. <i>Aletas Maeva, Xavier Pace, Pierre Guerin, Arthur Leroux</i> 14h15-14h30: Heat exchangers biofouling control - New developments. <i>Dubois Françoise, Bernard Costa, Jean Guzenec</i> 14h30-14h45: Energy performance assessment of Sea Water Air Conditioning - a case study in French Polynesia. <i>Lucas Franck, Frantz Sinama, Keitapu Maamaatuaiahutapu, David Wary, Pascal Ortega</i> 14h45-15h00: Heat exchanger development. <i>Vincent Melot, Damien Thuaud, Bertrand Clauzade, Vimeux Sébastien</i> 15h00-15h15: Advanced OTEC Technologies. <i>Yasuyuki Ikegami, Yasunaga Takeshi</i> 15h15-15h30: A new guidance note for Offshore Thermal Energy Converters (OTEC). <i>Aude Leblanc, Boutrot Jonathan, Laura-Mae Macadré</i>
15h30-16h00	Coffee break
16h00-17h00	<p>Environmental & Social Impacts. Chairman:</p> <ul style="list-style-type: none"> 16h00-16h15: Bardot Ocean - ACOA Conseil. <i>Anne-Laure Cardot, Pierre Guerin, Guillaume Darmayan</i> 16h15-16h30: IMPALA project: a first step in the assessment of the biogeochemical potential impact of an OTEC plant. <i>Lejart Morgane, Mélanie Giraud, Marie Boyé, Véronique Garçon, Cédric Auvray, Denis de la Broise</i> 16h30-16h45: Ocean Thermal Energy Conversion (OTEC): Impact on Emission of Green House Gases. <i>Panchal Chandrakant</i> 16h45-17h00: Oceanographic studies prior to the design of an OTEC facility. <i>Colinet Michel, Garnier Rémi, Quod Jean-Pascal and Sornin Jean-Marc</i>
17h00-17h45	<p>OTEC Technology III. Chairman:</p> <ul style="list-style-type: none"> 17h00-17h15: Alternative ammonia boiler concept for the Rankine cycle loop. <i>Aline Buffet, Nicolas Rambure, (Provost Jeremy)</i> 17h15-17h30: Improvement study for the critical components of 1MW OTEC plant. <i>Hyeon-Ju Kim, Ho-Saeng Lee, Seung-Taek Lim, Jung-Hyun Moon</i> 17h30-17h45: Performance comparison of heat exchangers experimented on a small scale OTEC prototype. <i>Frantz Sinama, Alexandre Dijoux, Olivier Marc, Bertrand Clauzade, Jean Castaing-Lasvignottes</i>
19h00-22h00	Gala dinner- 1000 coco

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POSTER SESSION

OTEC Policies and Finance.

- SWAC 2.0: Reliability at a profitable cost
Garnier Bruno
- SWAC Club announcement
Garnier Bruno







OTEC Technology.

- Study of thermodynamic performance of Rankine Cycle using ammonia working fluid for ocean thermal energy conversion
Yue Juan, LIU Weimin, ZHANG Li, XIAO Gang
- OTEC Constraints and Cost Effective Design
Lau James
- Main characteristics of the ocean thermal energy conversion prototype in La Reunion.
Alexandre Dijoux, Frantz Sinama, Olivier Marc, Bertrand Clauzade, Jean Castaing-Lasvignottes
- Experimental analysis and performances of an ocean thermal energy conversion prototype in a tropical French overseas island
Jean Castaing-Lasvignottes, Frantz Sinama, Alexandre Dijoux, Bertrand Clauzade, Olivier Marc
- A guide for working fluid selection and component properties study of an organic Rankine cycle applied to ocean thermal energy conversion
Alexandre Dijoux, Frantz Sinama, Olivier Marc, Bertrand Clauzade, Jean Castaing-Lasvignottes

Environmental & Social Impacts.

- Current status of OTEC: Worldwide research, development and commercialization efforts
Sung-Woo Kim, Hyeon-Ju Kim, Ho-Saeng Lee, Seung-Taek Lim, Jung-Hyun Moon

Thursday 9th November 2017

7h30	Departure from Saint-Pierre
<p>7h30-10h00</p> 	<p>Volcano scenery of the Savage South</p> 
<p>10-12h00</p>	<p>Vanilla plantation visit (Bras-Panon)</p> 
<p>12h00-14h00</p>	<p>Lunch break Saint-André Mayor welcoming</p>
<p>14h00-16h00</p>	<p>Bois-Rouge sugar plant visit</p> 
<p>16h00-18h30</p> 	<p>Way back to Saint-Pierre</p> <p>Roland-Garros Airport deposit ~ 17h00</p> 
18h30	Arrival in Saint-Pierre