

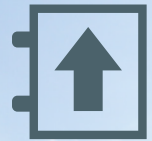
PAVING THE WAVES

WCFS2020

2nd WORLD CONFERENCE ON
FLOATING SOLUTIONS 2020

PROGRAMME

06-08 Oct 2020
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09:00 - 09:15	WELCOME BY DAY CHAIR <i>Maarten Flikkema, Space@Sea</i>
09:15 - 09:45	ORGANIZER KEYNOTE I <i>Rutger de Graaf, Blue21</i>
09:45 - 10:15	KEYNOTE SPEAKER I <i>Arnoud Molenaar, Resilient Rotterdam</i>
10:15 - 10:45	COFFEE BREAK (OPTIONS: 1-TO-1 NETWORKING OR VISIT EXPO)
10:45 - 12:05	ECOLOGICAL IMPACT AND DESIGN <i>Session Chair: Floris Boogaard</i>
10:50	THE RELEVANCE OF CLIMATE ADAPTATION PLATFORMS FOR FLOATING URBANISATION AND NATURE-BASED SOLUTIONS. CASESTUDY: JAVA, INDONESIA <i>Floris Boogaard</i>
11:05	FLOATING CITIES AND EQUITABLE GRAFTING ONTO MARINE ECOSYSTEMS <i>Ioana Corina Giurgiu</i>
11:20	THE EVOLUTION OF AQUATECTURE: SEAMANTA, A FLOATING CORAL REEF <i>Joerg Baumeister</i>
11:35	ECO-ENGINEERING FOR CLIMATE CHANGE – FLOATING TO THE FUTURE <i>Tomer Hadary, Shimrit Perkol-Finkel, Ido Sella and Jorge Gutiérrez Martínez</i>
11:50	ASSESSING THE INFLUENCE OF FLOATING CONSTRUCTIONS ON WATER QUALITY AND ECOLOGY <i>Rui L. P. de Lima</i>
12:05 - 13:10	URBAN DESIGN <i>Session Chair: Ankie Stam</i>
12:10	THE EPHEMERALITY OF FLOATING ISLANDS AS AN ELEMENT FOR THE DESIGN OF WATER-ADAPTIVE INFRASTRUCTURES <i>Despina Linaraki</i>
12:25	ECO-SUSTAINABLE PREFABRICATED MODULAR FLOATING STRUCTURES AS A TOURISTIC SOLUTION FOR PROTECTED INLAND WATER AREAS <i>Svetlana Mojić Džakula</i>
12:40	SPATIAL & AMPHIBIOUS CITIES: AN IMAGINARY VISION LINKED TO THE EXISTING WORLD <i>Giovanna Rossato</i>
12:55	STREETS THROUGH THE SEA: PUBLIC SPACE IN AND ON WATER <i>Francesca Dal Cin and Fransje Hooimeijer</i>

13:10 - 13:30	GICON® - THE GERMAN FLOATING PIONEER <i>Frank Adam</i>
13:30 - 14:10	LUNCH BREAK
14:10 - 14:40	PRESENTATION OF THE FLOATING PAVILION ROTTERDAM <i>Bart Roeffen, Blue21</i>
14:40 - 15:10	KEYNOTE SPEAKER II <i>Bianca Nijhof, Netherlands Water Partnership</i>
15:10 - 16:15	SOCIAL IMPACT, GOVERNANCE & LEGAL ASPECTS <i>Session Chair: Rutger de Graaf</i>
15:15	LEGAL FRAMEWORK OF FLOATING CITY DEVELOPMENT <i>Fen-Yu Lin</i>
15:30	EXPECTATION OF FLOATING BUILDING IN JAVA INDONESIA, CASE STUDY IN SEMARANG CITY <i>Slamet Imam Wahyudi</i>
15:45	BLUECITY BLUELAB A CLIMATE ADAPTATION AMPHIBIOUS LAB <i>Gita Nandan, Zehra Kuz and Tim Gilman-Ševčík</i>
16:00	NAVIGATING THE COMPLEXITY OF FLOATING DEVELOPMENTS <i>Nathalie Mezza-Garcia</i>
16:15 - 16:45	COFFEE BREAK (OPTIONS: COFFEE CHAT OR VISIT EXPO)
16:45 - 17:50	BUSINESS FORUM <i>Session Chair: Karina Czapiewska</i>
16:50	DREDGING FOR SUSTAINABLE INFRASTRUCTURE <i>Polite Laboyrie</i>
17:05	TO LIVE AS SEAFARERS ON FLOATING VILLAGES <i>Nicolas Bessec</i>
17:20	FLOATING ARCHITECTURE AND CONVERSION OF OFFSHORE STRUCTURES: A CHRONICLE OF KNUD E. HANSEN DESIGNS <i>Carmelo Cascino and Francesca Arini</i>
17:35	LESSONS LEARNED FROM FLOATING INFRASTRUCTURE PROJECTS <i>Jagmeet Khangura and Jason Haney</i>
17:50 - 18:15	CLOSING DISCUSSION OF DAY 1 <i>Maarten Flikkema, Floris Boogaard, Ankie Stam, Rutger de Graaf, Karina Czapiewska</i>

09:00 - 09:15	WELCOME BY DAY CHAIR <i>Koen Olthuis & Ankie Stam, Waterstudio</i>
09:15 - 10:20	VISIONARY PROJECTS & ARCHITECTURE <i>Session Chair: Lukasz Piatek</i>
09:20	MEGA FLOATING CITY "GREEN FLOAT" ; CONCEPT AND TECHNOLOGY INNOVATIONS <i>Masaki Takeuchi and Ikuo Yoshida</i>
09:35	THE CLIMATE CRISIS AND THE RISE OF FLOATING INFRASTRUCTURE <i>Marthijn Pool</i>
09:50	FLOATOPOLIS – GLOBAL STRATEGIES FOR FLOATING DESIGN <i>Rob Newman and Michael Mitchell</i>
10:05	ARCHITECTURAL DESIGN GUIDELINE FOR SUSTAINABLE FLOATING HOUSES AND FLOATING SETTLEMENTS IN VIETNAM <i>Thi Thu Trang Nguyen</i>
10:20 - 11:10	FLOATING ENERGY <i>Session Chair: Lim Soon Heng</i>
10:25	NUCLEAR REACTOR BARGE FOR SUSTAINABLE ENERGY PRODUCTION <i>Mateusz Pater</i>
10:40	F-STES: FLOATING SEASONAL THERMAL ENERGY STORAGE AND THERMAL POTENTIAL OF LAKES <i>Eduard Voelker, Vasily Glazov, Wolfgang Schmidt</i>
10:55	YIELD ASSESSMENT OF INNOVATIVE FLOATING BIFACIAL PHOTOVOLTAIC SOLUTIONS FOR IN-LAND WATER AREAS <i>Hesan Ziar</i>
11:10 - 11:40	COFFEE BREAK (OPTIONS: 1-TO-1 NETWORKING OR VISIT EXPO)
11:40 - 12:45	HYDRODYNAMICS AND ENGINEERING I <i>Session Chair: Zhi Yung Tay</i>
11:45	EFFECTS OF CLEARANCE BETWEEN SEABED AND BOTTOM OF A VLFS ON HYDROELASTIC RESPONSES <i>Tomoki Ikoma, Shoichiro Furuya, Yasuhiro Aida, Lei Tan</i>
12:00	NUMERICAL INVESTIGATION OF HYDROELASTICITY EFFECTS ON FLOATING STRUCTURES <i>Changqing Jiang, Ould el Moctar, Thomas E. Schellin, and Yan Qi</i>
12:15	MEASURING HYDROELASTIC DEFORMATION OF VERY FLEXIBLE FLOATING STRUCTURES <i>Sebastian Schreier and Gunner Jacobi</i>
12:30	MOTION CONTROL STRATEGIES FOR SMART FLOATING CRANES <i>Guus Gorsse, Wouter Bentvelsen, Niels Bouman, Vincent Bashandy, Vittorio Garofano and Jovana Jovanova</i>

12:45 - 13:05	CLOSING DISCUSSION OF DAY 2 MORNING PROGRAMME <i>Koen Olthuis, Ankie Stam, Lukasz Piatek, Lim Soon Heng and Zhi Yung Tay</i>
13:15 - 13:25	SPACE@ SEA DEMONSTRATOR PRESENTATION <i>William Otto</i>
13:25 - 14:15	LUNCH BREAK (DEMONSTRATOR SHOWCASE)
14:15 - 18:20	SPACE@SEA <i>Session Chair: Maarten Flikkema</i>
14:20	SPACE@SEA BACKGROUND <i>Maarten Flikkema</i>
14:40	SPACE@SEA FLOATER TECHNICAL DEVELOPMENTS <i>Ingo Drummen</i>
15:00	SPACE@SEA INSTALLATION AND MAINTENANCE <i>Alexander Jordaens</i>
15:20	APPLICATION LIVING AT SEA <i>Karina Czapiewska</i>
15:40	APPLICATION TRANSPORT & LOGISTICS AT SEA <i>Dingena Schott</i>
16:00 - 16:20	ICE MARINE DESIGN PRESENTATION <i>Coen Landa</i>
16:20 - 16:40	COFFEE BREAK (OPTIONS: COFFEE CHAT OR VISIT EXPO)
16:40	APPLICATION ENERGY HUB AT SEA <i>Frank Adam</i>
17:00	APPLICATION AQUACULTURE AT SEA <i>Robbert Jak</i>
17:20	BUSINESS CASE EVALUATION <i>Martijn Breuls</i>
17:40	SPACE@SEA NEXT STEPS <i>William Otto</i>
18:00 - 18:20	SPACE@SEA CLOSING DISCUSSION <i>Maarten Flikkema, Ingo Drummen, Alexander Jordaens, Karina Czapiewska, Dingena Schott, Frank Adam, Robbert Jak, Martijn Breuls and William Otto</i>

09:00 - 09:15	WELCOME BY DAY CHAIR <i>Karina Czapiewska & Rutger de Graaf, Blue21</i>
09:15 - 09:45	ORGANIZER KEYNOTE II <i>Koen Olthuis, Waterstudio</i>
09:45 - 10:15	KEYNOTE III <i>Paul Holthus, World Ocean Council</i>
10:15 - 10:45	COFFEE BREAK (OPTIONS: 1-TO-1 NETWORKING OR VISIT EXPO)
10:45 - 12:20	HYDRODYNAMICS AND ENGINEERING II <i>Session Chair: Maarten Flikkema</i>
10:50	NUMERICAL SIMULATION OF THE BEHAVIOR MOVEMENT OF FLOATING STRUCTURES <i>Wolfgang Schmidt, Peter Strangfeld, Eduard Völker and Yaraslau Sliavin</i>
11:05	A STUDY ON STABILITY OF FLOATING ARCHITECTURE AND ITS DESIGN METHODOLOGY <i>Toshio Nakajima, Yuka Saito and Motohiko Umeyam</i>
11:20	MODULAR MULTI-PURPOSE FLOATING STRUCTURES FOR SPACE CREATION <i>Jian Dai, Øyvind Hellan, Arnstein Watn, Kok Keng Ang and James Lee</i>
11:35	PARAMETRIC MODEL FOR GENERATION AND ANALYSIS OF MODULAR, FREEFORM FLOATING ISLAND NETWORKS, CONSTRUCTED USING FLEXIBLY FORMED BUOYCRETE <i>Diederik Veenendaal, Marco Bovio, Oscar Sainz Avila and Guido Visch</i>
11:50	DESIGN OF FLOATING TERMINALS AS INTEGRATED PROJECT FOR MULTI-MACHINE SYSTEMS <i>Jovana Jovanova, Wouter van den Bos and Dingena Schott</i>
12:20 - 13:10	FLOATING FOOD <i>Session Chair: Barbara Dal Bo Zanon</i>
12:25	FLOATING RICE FIELDS, THE QUEST FOR SOLUTIONS TO COMBAT DROUGHT FLOODS AND RISING SEA LEVELS <i>Lim Soon Heng</i>
12:40	MULTIPLE USE OF SPACE FOR ISLAND CLEAN AUTONOMY <i>Zoe Jay Fletcher</i>
12:55	DESIGN OF HAVFARM 1 <i>Emiel Mobron</i>
13:10 - 14:10	LUNCH BREAK

14:10 - 15:15	PITCH SESSIONS <i>Session Chair: David Kirkwood</i>
14:15	BUILDING FLOATING AQUACULTURE FARMS WITH EXPANDED POLYSTYRENE IN SINGAPORE <i>Dominic Kang, Paul Ong Pang Awn and Jan Willem Roël</i>
14:25	TOWARDS AN UNDERSTANDING OF THE STABILITY ASSESSMENT OF FLOATING BUILDINGS <i>Artur Karczewski</i>
14:35	PLAN B FLOATING CITIES WITH HUMANCRCACY <i>Ronald Sikking</i>
14:45	THE DESIGN, CONSTRUCTION AND EVALUATION OF A PILOT PROJECT OF A BAHAY KUBO INSPIRED FLOATING HOME <i>Pieter Ham</i>
14:55	LOW-COST UTILITY SCALE OFFSHORE ENERGY STORAGE <i>Rohit Fenn, Remy Dygert and Mike McDermott</i>
15:05	KIRIBATI SAVES ITSELF <i>Lukasz Piatek</i>
15:15- 15:35	GROUP DISCUSSION
15:35- 16:05	KEYNOTE IV <i>Gerald (Jerry) E. Buckwalter, American Society of Civil Engineers (ASCE)</i>
16:05- 16:45	COFFEE BREAK (OPTIONS: COFFEE CHAT OR VISIT EXPO)
16:45 - 17:35	ADAPTION & ECONOMIC DEVELOPMENT <i>Session Chair: Rutger de Graaf</i>
16:50	FLOATING MODULAR HOUSING TO ADDRESS DEMAND AND AFFORDABILITY <i>Jagmeet Khangura and Jason Haney</i>
17:05	LAUNCHCENTER FOR AMPHIBIOUS CONSTRUCTION ON A NEW LAKE IN A TRANSFORMING REGION OF OPENCAST MINES <i>Benjamin Casper</i>
17:20	POND URBANISM: FLOATING URBAN DISTRICTS ON SHALLOW COASTAL GROUNDWATER <i>Kristina Hill and Greg Henderson</i>
17:35 - 18:05	CLOSING DISCUSSION OF DAY 3 <i>Karina Czapiewska, Rutger de Graaf, Maarten Flikkema, Barbara Dal Bo Zanon and Lukasz Piatek</i>