

The 11th International Symposium on Cavitation

CAV 2021

May 9 - 13, 2021

Daejeon Convention Center, Daejeon, Korea

Preliminary Plan Ver. 2 (June 23, 2020)



I. Overview of the CAV 2021

1. Symposium Title

The 11th International Symposium on Cavitation 2021 (CAV 2021)

2. Date & Venue

Date: May 9 (Sun) - 13 (Thu), 2021

Venue: Daejeon Convention Center (DCC), Daejeon, Korea

3. Hosted & Organized by

The Society of Naval Architects of Korea (SNAK)

Seoul National University (SNU)

4. CAV 2021 Local Organizing Committee (LOC)

(1) General Chair

Prof. Shin Hyung Rhee (Seoul National University)

(2) Co-chairs

Prof. Byoung Kwon Ahn (Chungnam National University)

Dr. Bugeun Paik (KRISO)

(3) LOC Members

Prof. Chongam Kim (Seoul National University)

Prof. Hyoung Tae Kim (Chungnam National University)

Dr. Kisup Kim (KRISO)

Prof. Sang Joon Lee (POSTECH)

Prof. Hyungmin Park (Seoul National University)

Prof. Sunho Park (Korea Maritime & Ocean University), *Treasurer*

Prof. Warngyu Park (Pusan National University)

Prof. Seungwon Shin (Hongik University)

Prof. Gihun Son (Sogang University)

Prof. Seungjin Song (Seoul National University)

Prof. Jung Chun Suh (Seoul National University)

5. Scientific Committee

Byoung Kwon Ahn (Chungnam National University, KOR)
Keita Ando (Keio University, JPN)
Roger Arndt (University of Minnesota, USA)
Scott Black (Naval Surface Warfare Center-Carderock Division, USA)
Paul Brandner (University of Tasmania, AUS)
Christopher Earls Brennen (California Institute of Technology, USA)
Steve Ceccio (University of Michigan, USA)
Georges L. Chahine (Dynaflow Inc., USA)
Tim Colonius (California Institute of Technology, USA)
Olivier Coutier-Delgosha (Virginia Tech, USA)
Mohamed Farhat (École Polytechnique Fédérale de Lausanne, CHE)
John E. Field (University of Cambridge, GBR)
Manolis Gavaises (City University of London, GBR)
Akira Goto (Ebara Corporation, JPN)
Eric Johnsen (University of Michigan, USA)
Hiroharu Kato (University of Tokyo, JPN)
Joseph Katz (Johns Hopkins University, USA)
Valery K. Kedrinskii (Lavrentyev Institute of Hydrodynamics, RUS)
Ki-Han Kim (Office of Naval Research, USA)
Spyros Kinnas (University of Texas, USA)
Ivan Kirschner (Applied Physical Sciences Corporation, USA)
Shuhong Liu (Tsinghua University, CHN)
Detlef Lohse (University of Twente, NLD)
Krishnan Mahesh (University of Minnesota, USA)
Moustafa Abdel-Maksoud (Hamburg Technical University, DEU)
Yoichiro Matsumoto (University of Tokyo, JPN)
Knud Aage Mørch (Technical University of Denmark, DNK)
Claus-Dieter Ohl (Otto-von-Guericke University, GER)
Peter Pelz (Technische Universität Darmstadt, DEU)
Xiaoxing Peng (China Ship Scientific Research Center, CHN)
Andrea Prosperetti (University of Houston, USA)
Steffen Schmidt (Technische Universität München, DEU)
Vladimir Serebryakov (Ukrainian National Academy of Science, UKR)
William A. Straka (Pennsylvania State University, USA)
Eleanor Stride (University of Oxford, GBR)
Shu Takagi (University of Tokyo, JPN)
Tom van Terwisga (MARIN, NLD)
Yoshinobu Tsujimoto (Osaka University, JPN)
Satoshi Watanabe (Kyushu University, JPN)

6. Governing Board

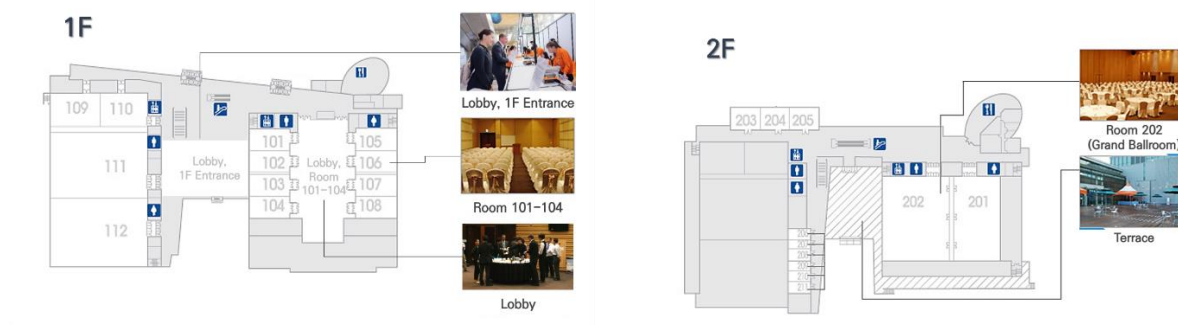
- Roger Arndt (University of Minnesota, USA), *Emeritus*
- Christopher Earls Brennen (California Institute of Technology, USA), *Emeritus*
- Steve Ceccio (University of Michigan, USA), *Chair*
- Tim Colonius (California Institute of Technology, USA)
- Mohamed Farhat (École Polytechnique Fédérale de Lausanne, CHE)
- Akira Goto (Ebara Corporation, JPN)
- Hiroharu Kato (University of Tokyo, JPN), *Emeritus*
- Joseph Katz (Johns Hopkins University, USA)
- Yoichiro Matsumoto (University of Tokyo, JPN), *Emeritus*
- Clause-Dieter Ohl (Otto-von-Guericke University, GER)
- Shu Takagi (University of Tokyo, JPN)
- Tom van Terwisga (Delft University of Technology, NLD)
- Yoshinobu Tsujimoto (Osaka University, JPN), *Emeritus*

II. Symposium Program

1. Program at a Glance

	9 May (Sun)	10 May (Mon)	11 May (Tue)	12 May (Wed)	13 May (Thu)
Morning	-	Opening & Keynote Technical Sessions	Keynote	Keynote	Keynote
Afternoon	Registration		Technical Sessions	Technical Sessions Technical Tour	Technical Sessions
Evening	Welcome Reception	-	-	Banquet	-

2. Floor Plan



3. Detailed Schedule

Date	Time	Event	Place (DCC)
9 May (Sun)	1400~	Registration Open	Lobby 1F Entrance
	1800-1930	Welcome Reception	Terrace, 2F
10 May (Mon)	0900-0945	Opening Ceremony	Room 201
	0945-1030	Keynote I	Room 201
	1030-1050	Coffee Break	Lobby
	1050-1210	Technical Sessions	Room 101, 102, 103, 104
	1210-1330	Lunch	Room 202
	1330-1530	Technical Sessions	Room 101, 102, 103, 104
	1530-1600	Coffee Break	Lobby
	1600-1800	Technical Sessions	Room 101, 102, 103, 104
11 May (Tue)	0830-0915	Keynote II	Room 201
	0930-1030	Technical Sessions	Room 101, 102, 103, 104
	1030-1050	Coffee Break	Lobby
	1050-1210	Technical Sessions	Room 101, 102, 103, 104
	1210-1330	Lunch	Room 202
	1330-1530	Technical Sessions	Room 101, 102, 103, 104
	1530-1600	Coffee Break	Lobby
	1600-1800	Technical Sessions	Room 101, 102, 103, 104
12 May (Wed)	0830-0915	Keynote III	Room 201
	0930-1030	Technical Sessions	Room 101, 102, 103, 104
	1030-1050	Coffee Break	Lobby
	1050-1210	Technical Sessions	Room 101, 102, 103, 104
	1210-1330	Lunch	Room 202
	1330-1730	Technical Tour	KRISO
	1900-2130	Symposium Banquet	Lotte City Hotel
13 May (Thu)	0830-0915	Keynote IV	Room 201
	0930-1030	Technical Sessions	Room 101, 102, 103, 104
	1030-1050	Coffee Break	Lobby
	1050-1210	Technical Sessions	Room 101, 102, 103, 104
	1210-1330	Lunch	Room 202
	1330-1530	Technical Sessions	Room 101, 102, 103, 104

III. Technical Events

1. Important Dates

Important Tasks		Important Dates
Deadline	Abstract submission	August 31, 2020
Deadline	Full paper submission for review	December, 2020
Deadline	Final paper submission	February 28, 2021
Due Date	Early registration	April 10, 2021

2. Scientific Programs

(1) Keynote Speeches

Mornings on May 10 - 13, 2019
 45 minutes for each speech including Q&A
 Room 201, DCC

(2) Technical Sessions

All days on May 10 - 13, 2019 (Except in the afternoon on May 12, 2019)
 20 minutes for each talk including Q&A
 Rooms 101 - 104 (Room 105 can be used if required)

(3) Poster Sessions

May 10-13, 2019
 More attention during coffee break
 Lobbies near grand ballroom & meeting rooms

IV. Social Events

1. Welcome Reception

Date: May 9 (Sun), 2021

Place: Terrace Lounge, DCC (2nd Floor)



2. Banquet

Date: May 12 (Wed), 2021

Place: Crystal Ballroom, Lotte City Hotel Daejeon



3. Technical Tour

Date: May 12 (Wed), 2021

Place: Korea Research Institute of Ships and Ocean engineering (KRISO)