

The 11th International Symposium on Cavitation
CAV2021

May 10 (Mon) - 13 (Thu), 2021
Daejeon, Korea (Virtual Conference)

Guidelines for Virtual Conference

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Hosted by



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CAV2021 goes virtual!

It is truly unfortunate that we are not able to gather in person in Daejeon, Korea; however, we are nevertheless resolved to continue promoting technical excellence in the cavitation community in a new virtual way. We are embracing the new challenge to make the virtual conference as successful and rewarding as possible.

Keynote speeches and the opening ceremony will be live-streamed to virtual attendees through the online platform. Oral presentations will be made available via pre-recorded videos, giving participants the flexibility to hear all of the presentations at a time that is convenient for them regardless of time zone, extending the value and impact of each presentation. Live discussion will be participated by all presenters following the designated schedule in each virtual room.

As planning evolves, we will make announcements via the website (www.cav2021.org) and will provide more information for virtual participants to enjoy CAV2021 to the fullest.

Please note that only registered participants of CAV2021 will be able to view the virtual content.

Important Dates

Notification: Full paper review results	February 17, 2021
Deadline: Final Paper Submission	March 1, 2021
Due date: Early Registration	April 10, 2021
Deadline: Presentation Video Submission	April 30, 2021

Full-paper Review Results

The Scientific Committee will review the submitted papers. Comments by the committee will be e-mailed to the all authors by February 17, 2021, for paper revision if necessary. Revised papers are due by March 1, 2021. Papers not received by the deadline will not be accepted. The substance of the papers to be presented at CAV2021 should not have been previously presented or published.

Submission of Presentation Video

All presenters must submit their presentation videos on the official website by April 30, 2021. In order to submit the presentation video, the authors are required to complete the registration in advance. Guidelines for 'How to Make a Presentation Video' will be updated shortly on the official website.

Program at a Glance

All programs will make use of an online platform that will open in May.

	May 10 (Mon.)	May 11 (Tue.)	May 12 (Wed.)	May 13 (Thu.)
10:00 PM	Opening Ceremony	Live Discussion Session III	Live Discussion Session V	Live Discussion Session VII
		Break (10 min.)	Break (10 min.)	Break (10 min.)
10:30 PM	Keynote Speech I (10:30-11:15 PM, KST)	Keynote Speech II (10:40-11:25 PM, KST)	Keynote Speech III (10:40-11:25 PM, KST)	Keynote Speech IV (10:40-11:25 PM, KST)
11:15 PM	Break (10 min.)			
11:25 PM	Live Discussion Session I	Live Discussion Session IV	Live Discussion Session VI	Live Discussion Session VIII
11:55 PM	Break (10 min.)			
12:05 AM ~	Live Discussion Session II	-	-	-

Opening Ceremony (Zoom, live)

Live Discussion (Zoom, live)

※ Subject to change

Keynote Speech (Zoom, live)

Oral Presentation (Pre-recorded Video)

※ KST = UTC+09:00

Time Zones in many cities during the Symposium

Location	Opening Ceremony / Live Discussion	Keynote Speech	Live Discussion
Daejeon, Korea	10:00 PM	10:30 PM	11:25 PM
London, England	2:00 PM	2:30 PM	3:25 PM
Amsterdam, Netherlands	3:00 PM	3:30 PM	4:25 PM
Copenhagen, Denmark	3:00 PM	3:30 PM	4:25 PM
Madrid, Spain	3:00 PM	3:30 PM	4:25 PM
Stockholm, Sweden	3:00 PM	3:30 PM	4:25 PM
Ankara, Turkey	4:00 PM	4:30 PM	5:25 PM
Kyiv, Ukraine	4:00 PM	4:30 PM	5:25 PM
Moscow, Russia	4:00 PM	4:30 PM	5:25 PM
New Delhi, India	6:30 PM	7:00 PM	7:55 PM
Beijing, China	9:00 PM	9:30 PM	10:25 PM
Tokyo, Japan	10:00 PM	10:30 PM	11:25 PM
Sydney, Australia	11:00 PM	11:30 PM	12:25 AM
Los Angeles, USA	6:00 AM	6:30 AM	7:25 AM
Mexico City, Mexico	8:00 AM	8:30 AM	9:25 AM
Chicago, USA	8:00 AM	8:30 AM	9:25 AM
New York, USA	9:00 AM	9:30 AM	10:25 AM

Keynote Speeches

Keynote Speech I



Computations of Compressible Cavitating Flows: Numerical Methods and Engineering Applications

Prof. Chongam Kim (Seoul national University, Korea)

May 10, 2021 / 10:30-11:15 PM (KST, UTC+09:00)

Keynote Speech II



Large-eddy Simulation of Turbulent Cavitating Flows

Prof. Krishnan Mahesh (University of Minnesota, USA)

May 11, 2021 / 10:40-11:25 PM (KST, UTC+09:00)

Keynote Speech III



Numerical Prediction of Cavitation Erosion Using a Fully Compressible Fluid Model Including Wave Dynamics in Nanosecond Time Scales

Dr. Steffen Schmidt (Technical University of Munich, Germany)

May 12, 2021 / 10:40-11:25 PM (KST, UTC+09:00)

Keynote Speech IV



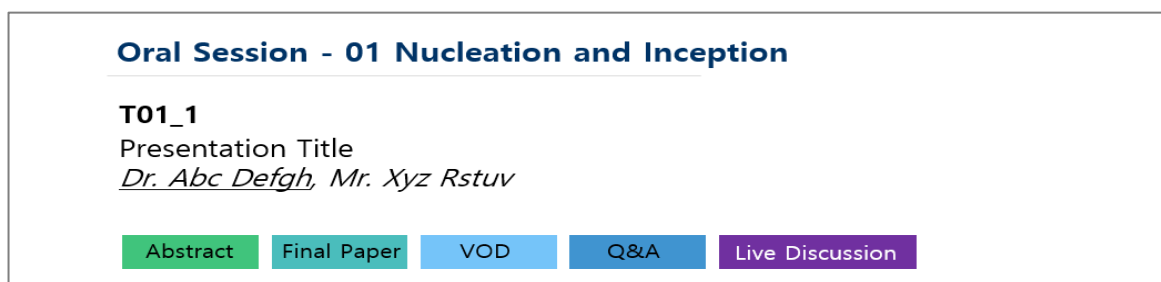
Cavitation Instabilities of Pumps: From Linear Analyses to Experimental Observations

Prof. Satoshi Watanabe (Kyushu University, Japan)

May 13, 2021 / 10:40-11:25 PM (KST, UTC+09:00)

Oral Presentation

Oral presentations will be made available via pre-recorded videos, giving participants the flexibility to hear all of the presentations at a time that is convenient for them regardless of time zone, extending the value and impact of each presentation.



※ Sample image of online platform

Description of each button:

1. **Abstract** to view abstract
2. **Final paper** to view final paper
3. **VOD** to view pre-recorded presentation video
4. **Q&A** is a system in a messenger format for questions and answers
5. **Live Discussion** to access to Zoom meeting rooms for a real-time discussion.
Schedules for Live Discussion will be announced shortly on the official website.

Registration

Pre-registration Fees

Category	Pre-Registration (by April 10,2021)		Registration (After April 10, 2021)	
	Regular	USD 350	KRW 420,000	USD 400
Student	USD 180	KRW 216,000	USD 200	KRW 240,000

Pre-registration Deadline

The pre-registration deadline for 11th International Symposium on Cavitation is April 10, 2021. To register, click [Online registration](#)

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