

The 11th International Symposium on Cavitation  
**CAV2021**

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

Information of Program

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## Important Dates

|  |                       |
|--|-----------------------|
| <b>Due date: Early Registration</b>            | <b>April 10, 2021</b> |
| <b>Deadline: Presentation Video Submission</b> | <b>April 30, 2021</b> |

## Early Registration

### Pre-registration Fees

| Category | Pre-Registration<br>(by April 10,2021) |             | Registration<br>(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 (CAV2021) is April 10, 2021. To register, click [Online registration](#).

## Presentation Video Submission

### 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.

Please note: Submitted pre-recorded presentation video will be available by clicking the "VOD" button on the online platform for one month in May. Please be advised that only the ones who have registered for CAV2021 can access the videos.

### Secretariat of CAV2021

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## 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 VI                    | Live Discussion Session IX                   |
|            |   | Break (10 min.)                              | Break (10 min.)                               | Break (10 min.)                              |
| 10:30 PM   | Keynote Speech I<br>(10:30 - 11:15 PM, KST) | Keynote Speech II<br>(10:40 - 11:25 PM, KST) | Keynote Speech III<br>(10:40 - 11:25 PM, KST) | Keynote Speech IV<br>(10:40 - 11:25 PM, KST) |
| 11:15 PM   |   |  |   |  |
| 11:25 PM   | Live Discussion Session I                   | Live Discussion Session IV                   | Live Discussion Session VII                   | Live Discussion Session X                    |
| 11:55 PM   | Break (10 min.)                             | Break (10 min.)                              | Break (10 min.)                               | Break (10 min.)                              |
| 12:05 AM ~ | Live Discussion Session II                  | Live Discussion Session V                    | Live Discussion Session VIII                  | Live Discussion Session XI                   |

Opening Ceremony (Zoom, live)

Live Discussion (Zoom, live)

Keynote Speech (Zoom, live)

Oral Presentation (Pre-recorded Video)

※ Subject to change

※ KST = UTC+09:00

## Time Zones in many cities during the Symposium

| Location               | Opening Ceremony /<br>Live Discussion | Keynote Speech  | Live Discussion |
|------------------------|---------------------------------------|-----------------|-----------------|
| <b>Daejeon, Korea</b>  | <b>10:00 PM</b>                       | <b>10:30 PM</b> | <b>11:25 PM</b> |
| 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        |

## Advance Program

### 15 minutes each; playing 10 minutes of pre-recorded presentation video subsequent 5 minutes live discussion (Q&A).

The ten minutes pre-recorded presentation video which will be also available on the online platform will be played before the five minutes live discussion (Q&A). About 15 minutes of every presenter will be recorded by zoom under the authors' prior consent.

Only the registrants of CAV2021 will have the access to the material until the next symposium, CAV2024.

Please refer to the table below, and we will inform you of the detailed presentation schedule by March.

|       | May 10(Mon) |        |        |        |        |        |        |        | May 11(Tue) |        |        |        |        |        |        |        | May 11(Tue) |        |        |        |        |        |        |        | May 11(Tue) |        |        |        |        |        |        |        |        |
|-------|-------------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|
|       | ZM_1        | ZM_2   | ZM_3   | ZM_4   | ZM_5   | ZM_6   | ZM_7   | ZM_8   | ZM_1        | ZM_2   | ZM_3   | ZM_4   | ZM_5   | ZM_6   | ZM_7   | ZM_8   | ZM_1        | ZM_2   | ZM_3   | ZM_4   | ZM_5   | ZM_6   | ZM_7   | ZM_8   | ZM_1        | ZM_2   | ZM_3   | ZM_4   | ZM_5   | ZM_6   | ZM_7   | ZM_8   |        |
| 22:00 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:05 | Op          |        |        |        |        |        |        |        |             | T01-01 | T02-05 | T03-03 | T04-03 | T05-01 | T06-05 | T07-05 | T09-05      | T01-07 | T02-11 | T02-12 | T03-09 | T14-01 | T09-09 | T07-11 | T12-01      | T03-15 | T02-23 | T02-24 | T04-09 | T05-07 | T09-15 | T12-07 | T08-05 |
| 22:10 |             |        |        |        |        |        |        |        |             | T01-02 | T02-06 | T03-04 | T04-04 | T05-02 | T06-06 | T07-06 | T09-06      | T01-08 | T02-13 | T02-14 | T03-10 | T14-02 | T09-10 | T07-12 | T12-02      | T03-16 | T02-25 | T02-26 | T04-10 | T05-08 | T09-16 | T12-08 | T08-06 |
| 22:15 |             |        |        |        |        |        |        |        |             | Break  |        |        |        |        |        |        |             | Break  |        |        |        |        |        |        |             | Break  |        |        |        |        |        |        |        |
| 22:20 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:25 | K_I         |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:30 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:35 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:40 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:45 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:50 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 22:55 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:00 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:05 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:10 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:15 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:20 | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        |        |
| 23:25 | T11-01      | T02-01 | T13-01 | T03-01 | T09-01 | T06-01 | T07-01 | T08-01 | T01-03      | T02-07 | T03-05 | T04-05 | T05-03 | T06-07 | T07-07 | T10-01 | T01-09      | T02-15 | T02-16 | T03-11 | T14-03 | T09-11 | T07-13 | T12-03 | T03-17      | T02-27 | T02-28 | T04-11 | T05-09 | T09-17 | T12-09 | T08-07 |        |
| 23:30 | T11-02      | T02-02 | T13-02 | T03-02 | T09-02 | T06-02 | T07-02 | T08-02 | T01-04      | T02-08 | T03-06 | T04-06 | T05-04 | T06-08 | T07-08 | T10-02 | T10-05      | T02-17 | T02-18 | T03-12 | T14-04 | T09-12 | T07-14 | T12-04 | T03-18      | T02-29 | T02-30 | T04-12 | T14-07 |        | T12-10 | T08-08 |        |
| 23:35 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:40 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:45 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:50 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 23:55 |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 0:00  | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        | Break       |        |        |        |        |        |        |        |        |
| 0:05  | T11-03      | T02-03 | T13-03 | T04-01 | T09-03 | T06-03 | T07-03 | T08-03 | T01-05      | T02-09 | T03-07 | T04-07 | T05-05 | T09-07 | T07-09 | T10-03 | T10-06      | T02-19 | T02-20 | T03-13 | T14-05 | T09-13 | T07-15 | T12-05 | T03-19      | T02-31 | T02-32 | T04-13 |        |        | T12-11 |        |        |
| 0:10  |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 0:15  |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 0:20  |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |
| 0:25  | T11-04      | T02-04 | T13-04 | T04-02 | T09-04 | T06-04 | T07-04 | T08-04 | T01-06      | T02-10 | T03-08 | T04-08 | T05-06 | T09-08 | T07-10 | T10-04 | T10-07      | T02-21 | T02-22 | T03-14 | T14-06 | T09-14 | T07-16 | T12-06 | T03-20      | T02-33 | T02-34 |        |        |        |        |        |        |
| 0:30  |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |             |        |        |        |        |        |        |        |        |

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|--|--|--|--|
| <input type="checkbox"/> 01 Nucleation and Inception           | <input type="checkbox"/> 02 Bubble Dynamics and Bubbly Flows       | <input type="checkbox"/> 03 Advanced Computational Modeling    | <input type="checkbox"/> 04 Sheet and Cloud Cavitation               |
| <input type="checkbox"/> 05 Tip Vortex Cavitation              | <input type="checkbox"/> 06 Supercavitation                        | <input type="checkbox"/> 07 Cavitation Erosion                 | <input type="checkbox"/> 08 Cavitation in Marine Propeller           |
| <input type="checkbox"/> 09 Cavitation in Fluid Machinery      | <input type="checkbox"/> 10 Cavitation Induced Noise and Vibration | <input type="checkbox"/> 11 Cavitation Control and Suppression | <input type="checkbox"/> 12 Cavitation in Biology and Bioengineering |
| <input type="checkbox"/> 13 Sonochemistry and Sonoluminescence | <input type="checkbox"/> 14 Advanced Measurement Techniques        |  |  |