

# The 8th Asian Conference on Crystal Growth and Crystal Technology

## CGCT-8



**October 19-22, 2020**

**Phoenix Seagaia Resort, Miyazaki, Japan**

<https://cgct-8.com>

### About CGCT

This conference aims to gather scientists and experts from around the world in Asia, which is considered as the center of crystal growth research, to promote academic understandings of this field through fruitful discussions about the most advanced science and technology and to contribute to a sustainable society by promoting industrial utilization of various crystalline materials.

### Brief History

The First Asian Conference on Crystal Growth and Crystal Technology (CGCT-1) was held in Sendai, Japan in 2000 under the initiative of the No. 161 Committee of the Japan Society for the Promotion of Science (JSPS). After that, six conferences have been held in Seoul, Korea (2002), Beijing, China (2005), Sendai, Japan (2008), Suntec, Singapore (2011), Jeju, Korea (2014), and Changchun, China (2017). Following these, the eighth conference (CGCT-8) will be held in Miyazaki, Japan.

### Organized by

- The Asian Association for Crystal Growth and Crystal Technology
- No.161 Committee of the Japan Society for the Promotion of Science
- Materials Science and Advanced Electronic Created by Singularity, Grant-in-Aid for Scientific Research on Innovative Areas, MEXT
- The Japanese Association for Crystal Growth



### Call for Papers

We invite you to submit papers to CGCT-8, whose scope includes all aspects of fundamental and applied research related with crystal growth and crystal technology. The program will include oral and poster presentations.

### Session Topics

- III-V Semiconductors and Oxide Semiconductors
- Group-IV Semiconductors
- Optical Crystals
- Scintillators and Piezoelectric Crystals
- Superconductors, Spintoronic and Strongly Correlated Electronic Materials
- Organic and Biological Materials
- Crystal Growth Fundamentals and Simulation
- Characterization
- Photoelectric and Thermoelectric Conversion Materials
- Environmental Related Materials and Energy Harvest Materials
- Others

All topics include scientific research on crystal growth and crystal technology which treats raw materials, growth equipment, and various kinds of processing for crystals.

All contributions will be reviewed before acceptance.

### Important Dates

- |                                |   |
|--------------------------------|---|
| <b>April 1, 2020</b>           | Start of abstract submission                  |
| <b>June 5, 2020</b>            | Deadline for abstract submission              |
| <b>Beginning of July, 2020</b> | Notification of acceptance                    |
| <b>August 31, 2020</b>         | Early-bird registration ends                  |
| <b>October 1, 2020</b>         | Submission deadline for the proceedings paper |
| <b>October 19 - 22, 2020</b>   | <b>CGCT-8 conference</b>                      |



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## Proceedings

Papers presented at the conference will be considered for publication in a special issue of scientific journal.

## Conference Venue

The conference will take place in the Convention Center SUMMIT of Phoenix Seagaia Resort in Miyazaki City, Japan. The location is about 10 km north of Miyazaki Airport and about 6 km north of the downtown area.

