

# ICAA18 Program at a glance

PL: Plenary Lecture  
ECR: Early Career Researchers awards presentation

1. Modeling & simulation  
2. Casting solidification recycling & refining  
3. Additive manufacturing  
4. Foams & composite materials

5. Mechanical properties & advanced processing  
6. Thermomechanical processing texture & recrystallization  
7. Heat treatment phase transformations & precipitation  
8. Corrosion & surface treatments

9. Joining emerging processes & multi material  
10. Advanced characterization  
11. Aluminium & its alloys for Zero carbon society

| Japan Time | Sep 4 (Sun)      | Sep 5 (Mon)  | Sep 6 (Tue)   | Sep 7 (Wed)   | Sep 8 (Thu)   | Japan Time |
|------------|------------------|--|---|---|---|------------|
| 9:00am     |                  | Room 1<br>Opening Ceremony   | Room 1<br>PL-5 (Makoto Mizuguchi)<br>PL-6 (Nobuaki Mizuki)<br>M. KUBOTA (Japan)                                   | Room 1<br>ECR-3 (Serina Tanaka)<br>ECR-4 (Takumi Kosaba)<br>ECR-5 (Lu Jiang)<br>S. HIROSAWA (Japan)                                     | 07-9<br>Heat treatment phase transformations & precipitation<br>T. MINODA (Japan) | 9:00am     |
| 10:00am    |                  | Room 1<br>PL-1 (Shinji Kumai)<br>PL-2 (Gary. J. Shiflet)<br>K. MATSUDA (Japan)               | Break   | Break   | 05-7<br>Mechanical properties & advanced processing<br>T. MANAKA (Japan)          | 10:00am    |
| 11:00am    |                  | Break  | 07-3<br>Heat treatment phase transformations & precipitation<br>T. TSUCHIYA (Japan)                               | 07-6<br>Heat treatment phase transformations & precipitation<br>SW LEE (Japan)  | 08-4<br>Corrosion & surface treatment<br>A. SERIZAWA (Japan)                      | 11:00am    |
| 12:00am    |                  | 07-1<br>Heat treatment phase transformations & precipitation<br>T. HOMMA (Japan)             | 05-3<br>Mechanical properties & advanced processing<br>T. MASUDA (Japan)  | 05-6<br>Mechanical properties & advanced processing<br>G. KUNSCHERT (Austria)   | 09-1<br>Joining emerging processes & multi material<br>G. SASAKI (Japan)          | 12:00am    |
| 1:00pm     |                  | 02-1<br>Casting solidification recycling & refining<br>S.PAVEL (UK)                          | 02-3<br>Casting solidification recycling & refining<br>S. NISHIDA (Japan)   | 011-3<br>Aluminium & its alloys for Zero carbon society<br>Nanoscale dynamics for elucidating hydrogen embrittlement<br>Y. WANG (China) | Room 1<br>Closing Ceremony  | 1:00pm     |
| 2:00pm     |                  | 01-1<br>Modeling & simulation<br>S. HIROSAWA (Japan)   | 01-3<br>Modeling & simulation<br>K. IKEDA (Japan)   | 08-1<br>Corrosion & surface treatments<br>T.HARUNA (Japan)  |   | 2:00pm     |
| 3:00pm     |                  | 010-1<br>Advanced characterization<br>M.KOBAYASHI (Japan)                                    | 02-4<br>Casting solidification recycling & refining<br>S. KOMAROV (Japan), T. AIDA (Japan)                        | 09-2<br>Joining emerging processes & multi material<br>M. WATANABE (Japan)  |   | 3:00pm     |
| 4:00pm     |                  | 011-1<br>Aluminium & its alloys for Zero carbon society<br>M. MURAYAMA (USA/Japan)           | 04-1<br>Foams & composite materials<br>M. KOBASHI (Japan)   | 07-7<br>Heat treatment phase transformations & precipitation<br>K. MATSUMOTO (Japan)  |   | 4:00pm     |
| 5:00pm     | Pre-Registration | Lunch on own   | 08-2<br>Corrosion & surface treatments<br>H. HABAZAKI (Japan)   | 03-1<br>Additive manufacturing<br>M. KUBOTA (Japan)   |   | 5:00pm     |
| 6:00pm     | Welcome Drink    | Zoom breakout room<br>Poster-1-25<br>Poster presentation will be displayed at TICC 3F Foyer  | 07-4<br>Heat treatment phase transformations & precipitation<br>M. MIHARA-NARITA (Japan)                          | 011-4<br>Aluminium & its alloys for Zero carbon society<br>Nanoscale dynamics for elucidating hydrogen embrittlement<br>H. TODA (Japan) |   | 6:00pm     |
| 7:00pm     |                  | Break  | 05-4<br>Mechanical properties & advanced processing<br>G. ITOH (Japan)  | 09-2<br>Joining emerging processes & multi material<br>M. WATANABE (Japan)  |   | 7:00pm     |
| 8:00pm     |                  | Room 1<br>PL-3 (Jürgen Hirsch)<br>PL-4 (Knut Marthinsen)<br>S. HIROSAWA (Japan)              | 06-1<br>Thermomechanical processing texture & recrystallization<br>N. TAKATA (Japan), D. EGUSA (Japan)            | 07-8<br>Heat treatment phase transformations & precipitation<br>J. HIRSCH (Germany)   |   | 8:00pm     |
|            |                  | Room 1<br>Closing Ceremony   | 07-5<br>Heat treatment phase transformations & precipitation<br>E. ABE (Japan)                                    | 03-2<br>Additive manufacturing<br>N. TAKATA (Japan)   |   |            |
|            |                  | Zoom breakout room<br>Poster-26-50<br>Poster presentation will be displayed at TICC 3F Foyer | 05-5<br>Mechanical properties & advanced processing<br>T. HOMMA (Japan)   | 011-5<br>Aluminium & its alloys for Zero carbon society<br>Nanoscale dynamics for elucidating hydrogen embrittlement<br>G. ITOH (Japan) |   |            |
|            |                  | Break  | 010-2<br>Advanced characterization<br>K. MATSUDA (Japan)  | 06-2<br>Thermomechanical processing texture & recrystallization<br>C. HUTCHINSON (Australia), Y. TAKAYAMA (Japan)                       |   |            |
|            |                  | Room 1<br>PL-3 (Jürgen Hirsch)<br>PL-4 (Knut Marthinsen)<br>S. HIROSAWA (Japan)              | 01-2<br>Modeling & simulation<br>S. MURAIISHI (Japan)   |   | ANA 3F Ohtori<br><br>Banquet Announcement of ICAA18                               |            |
|            |                  | Break  | 011-2<br>Aluminium & its alloys for Zero carbon society<br>K. NISHIMURA (Japan)                                   |   |   |            |
|            |                  | 07-2<br>Heat treatment phase transformations & precipitation<br>C. CAYRON (Switzerland)      | 07-5<br>Heat treatment phase transformations & precipitation<br>E. ABE (Japan)                                    |   |   |            |
|            |                  | 05-2<br>Mechanical properties & advanced processing<br>Z. HORITA (Japan)                     | 05-5<br>Mechanical properties & advanced processing<br>T. HOMMA (Japan)   |   |   |            |
|            |                  | 02-2<br>Casting solidification recycling & refining<br>D. ESKIN (UK), S. PAVEL(UK)           | 010-3<br>Advanced characterization<br>R. HOLMESTAD (Norway)   |   |   |            |
|            |                  | 01-2<br>Modeling & simulation<br>S. MURAIISHI (Japan)  | 01-4<br>Modeling & simulation<br>K.MARTHINSEN (Norway)  |   |   |            |
|            |                  | 010-2<br>Advanced characterization<br>K. MATSUDA (Japan)                                     | 08-3<br>Corrosion & surface treatments<br>E. TADA (Japan)   |   |   |            |
|            |                  | 011-2<br>Aluminium & its alloys for Zero carbon society<br>K. NISHIMURA (Japan)              | 06-2<br>Thermomechanical processing texture & recrystallization<br>C. HUTCHINSON (Australia), Y. TAKAYAMA (Japan) |   |   |            |
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|            |                  | 05-2<br>Mechanical properties & advanced processing<br>Z. HORITA (Japan)                     |   |   |   |            |

# ICAA18 At a Glance with Presentation Number As of Sep. 2

| PT(-16h) | EST(-13h) | UK(-8h) | Europe (-7h) | Thailand (-2h) | China(-1h) | Austraria (+1h) | Japan, Korea | Sep 4 (Sun)      | Sep 5 (Mon)                                 | Sep 6 (Tue)                                | Sep 7 (Wed)                  | Sep 8 (Thu)           |       |       |       |       |       |       |       |       |       |       |       |
|----------|-----------|---------|--------------|----------------|------------|-----------------|--------------|------------------|---|--|------------------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 5:00pm   | 8:00pm    | 1:00am  | 2:00am       | 7:00am         | 8:00am     | 10:00am         | 9:00am       |                  | Opening Ceremony                            | PL-5(Mr. Makoto Mizuguchi)                 | ECR-3(Serina Tanaka)         | O7-9-1 O5-7-1 O8-4-1  |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | PL-1(Prof. Shinji Kumai)                    |  | ECR-4(Takumi Kosaba)         | O7-9-2 O5-7-2 O8-4-2  |       |       |       |       |       |       |       |       |       |       |       |
| 6:00pm   | 9:00pm    | 2:00am  | 3:00am       | 8:00am         | 9:00am     | 11:00am         | 10:00am      |                  | PL-2(Prof. Gary. J. Shiflet)                | PL-6(Mr. Nobuaki Mizuki)                   | ECR-5(Lu Jiang)              | O7-9-3 O5-7-3 O8-4-3  |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | Break                                      | Break                        | O7-9-4 O5-7-4 O8-4-4  |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | Break                                      | Break                        | O7-9-5 O5-7-5 O8-4-5  |       |       |       |       |       |       |       |       |       |       |       |
| 7:00pm   | 10:00pm   | 3:00am  | 4:00am       | 9:00am         | 10:00am    | 12:00am         | 11:00am      |                  | O7-1-1 O5-1-1 O2-1-1 O1-1-1 O10-1-1 O11-1-1 | O7-3-1 O5-3-1 O2-3-1 O1-3-1 O8-1-1         | O7-6-1 O5-6-1 O11-3-1 O9-1-1 | O7-9-6 O5-7-6         |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-1-2 O5-1-2 O2-1-2 O1-1-2 O10-1-2 O11-1-2 | O7-3-2 O5-3-2 O2-3-2 O1-3-2 O8-1-2         | O7-6-2 O5-6-2 O11-3-2 O9-1-2 |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-1-3 O5-1-3 O2-1-3 O1-1-3 O10-1-3 O11-1-3 | O7-3-3 O5-3-3 O2-3-3 O1-3-3 O8-1-3         | O7-6-3 O5-6-3 O11-3-3 O9-1-3 |                       |       |       |       |       |       |       |       |       |       |       |       |
| 8:00pm   | 12:00pm   | 4:00am  | 5:00am       | 10:00am        | 11:00am    | 1:00pm          | 12:00am      |                  |   |  |                              | O5-7-7                |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Lunch                                       | Lunch                                      | Lunch                        | Closing Ceremony      |       |       |       |       |       |       |       |       |       |       |       |
| 9:00pm   | 1:00am    | 5:00am  | 6:00am       | 11:00am        | 12:00am    | 2:00pm          | 1:00pm       |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
| 10:00pm  | 2:00am    | 6:00am  | 7:00am       | 12:00am        | 1:00pm     | 3:00pm          | 2:00pm       |                  | Poster1-25                                  | O7-4-1 O5-4-1 O2-4-1 O4-1-1 O8-2-1 O6-1-1  | O7-7-1 O3-1-1 O11-4-1 O9-2-1 |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | O7-4-2 O5-4-2 O2-4-2 O4-1-2 O8-2-2 O6-1-2  | O7-7-2 O3-1-2 O11-4-2 O9-2-2 |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | O7-4-3 O5-4-3 O2-4-3 O4-1-3 O8-2-3 O6-1-3  | O7-7-3 O3-1-3 O11-4-3 O9-2-3 |                       |       |       |       |       |       |       |       |       |       |       |       |
| 12:00pm  | 3:00am    | 7:00am  | 8:00am       | 1:00pm         | 2:00pm     | 4:00pm          | 3:00pm       |                  | Poster26-49                                 | O7-4-4 O5-4-4 O2-4-4 O4-1-4 O8-2-4 O6-1-4  | O7-7-4 O3-1-4 O11-4-4 O9-2-4 |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | O7-4-5 O5-4-5 O2-4-5 O4-1-5 O8-2-5 O6-1-5  | O7-7-5 O3-1-5 O11-4-5 O9-2-5 |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | Break                                       | O5-4-6 O2-4-6 O8-2-6 O6-1-6                | O3-1-6 O11-4-6 O9-2-6        |                       |       |       |       |       |       |       |       |       |       |       |       |
| 1:00am   | 4:00am    | 8:00am  | 9:00am       | 2:00pm         | 3:00pm     | 5:00pm          | 4:00pm       |                  | Break                                       | O5-4-7 O2-4-7 O8-2-7                       | Break                        |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | PL-3(Prof. Jürgen Hirsch)                   | Break                                      | ECR-1(Elisabeth Thronsen)    | O7-8-1 O3-2-1 O11-5-1 |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | PL-4(Prof. Knut Marthinsen)                 | ECR-2(Tina Bergh)                          | ECR-2(Tina Bergh)            | O7-8-2 O3-2-2 O11-5-2 |       |       |       |       |       |       |       |       |       |       |       |
| 2:00am   | 5:00am    | 9:00am  | 10:00am      | 3:00pm         | 4:00pm     | 6:00pm          | 5:00pm       | Pre-Registration | Break                                       | Break                                      | Break                        | O7-8-3 O3-2-3 O11-5-3 |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              | Welcome drink    | Break                                       | Break                                      | Break                        | O7-8-4 O3-2-4 O11-5-4 |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-1 O5-2-1 O2-2-1 O1-2-1 O10-2-1 O11-2-1 | O7-5-1 O5-5-1 O10-3-1 O1-4-1 O8-3-1 O6-2-1 |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-2 O5-2-2 O2-2-2 O1-2-2 O10-2-2 O11-2-2 | O7-5-2 O5-5-2 O10-3-2 O1-4-2 O8-3-2 O6-2-2 |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-3 O5-2-3 O2-2-3 O1-2-3 O10-2-3 O11-2-3 | O7-5-3 O5-5-3 O10-3-3 O1-4-3 O8-3-3 O6-2-3 |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-4 O5-2-4 O2-2-4 O1-2-4 O10-2-4 O11-2-4 | O7-5-4 O5-5-4 O10-3-4 O1-4-4 O8-3-4 O6-2-4 |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-5 O5-2-5 O2-2-5 O1-2-5 O10-2-5 O11-2-5 | O7-5-5 O5-5-5 O10-3-5 O1-4-5 O8-3-5 O6-2-5 |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  | O7-2-6 O5-2-6 O2-2-6 O1-2-6 O11-2-6         | O7-5-6 O5-5-6 O10-3-6 O8-3-6 O6-2-6        |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
| 3:00am   | 6:00am    | 10:00am | 11:00am      | 4:00pm         | 5:00pm     | 7:00pm          | 6:00pm       |                  | O7-2-7 O5-2-7                               | O7-5-7 O5-5-7 O10-3-7                      | O8-3-7 O6-2-7                |                       |       |       |       |       |       |       |       |       |       |       |       |
| 4:00am   | 7:00am    | 11:00am | 12:00am      | 5:00pm         | 6:00pm     | 8:00pm          | 7:00pm       |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
| 5:00am   | 8:00am    | 12:00am | 1:00pm       | 6:00pm         | 7:00pm     | 9:00pm          | 8:00pm       |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              |                  |   |  |                              |                       |       |       |       |       |       |       |       |       |       |       |       |
|          |           |         |              |                |            |                 |              | ANA Crowne Plaza | Room1                                       | Room2                                      | Room3                        | Room4                 | Room5 | Room6 | Room1 | Room2 | Room3 | Room4 | Room5 | Room6 | Room1 | Room2 | Room3 |

- 1. Modeling & simulation
- 2. Casting solidification recycling & refining
- 3. Additive manufacturing

- 4. Foams & composite materials
- 5. Mechanical properties & advanced processing
- 6. Thermomechanical processing texture & recrystallization

- 7. Heat treatment phase transformations & precipitation
- 8. Corrosion & surface treatments
- 9. Joining emerging processes & multi material

- 10. Advanced characterization
- 11. Aluminium & its alloys for zero carbon society

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|  | On-site   |
|  | Virtual   |
|  | Cancelled |

Banquet  
Announcement of  
ICAA19

(Technical Vist)