



International Symposium on Theory of Weather Controllability

Moonshot Goal 8 aims to realize a society safe from the threat of extreme winds and rains by controlling and modifying the weather by 2050. This symposium will provide information and discussion on current and future research and development on the controllability of weather, focusing on theoretical aspects.

■ Organizer

Organizer: Japan Science and Technology Agency (JST)

Co-organizer: Cabinet Office (CAO) / Ministry of Education, Culture, Sports, Science and Technology (MEXT)

■ Date/Time

August 28 , 2023

10:00~15:30 (Japan Standard Time(JST), UTC+9)

■ Venue

Online & Kobe University Integrated Research Center Convention Hall

■ Language

English

■ Registration

<https://www.jst.go.jp/moonshot/sympo/20230828/index.html>



Program



| | | |
|-------------|--|---|
| 10:00-10:10 | Opening Remarks | JST CAO |
| 10:10-10:25 | Moonshot Goal8 Overview | Program Director MIYOSHI Takemasa Team Leader, Center for Computational Science, Data Assimilation Research Team, RIKEN |
| 10:25-10:55 | Keynote Speech 1 | Craig Bishop (Professor, University of Melbourne) |
| 10:55-11:45 | Moonshot Goal8 Core Project | |
| | — 「Control Theory of Weather-Society Coupling Systems for Supporting Social Decision-Making」 | Project Manager SAWADA Yohei Associate Professor, Graduate School of Engineering, the University of Tokyo (TBD) |
| | — 「Typhoon Control Research Aiming for a Safe and Prosperous Society」 | Project Manager FUDEYASU Hironori Director, Typhoon Science and Technology Research Center, Institute for Multidisciplinary Sciences, Yokohama National University/Professor, Faculty of Education, Yokohama National University |
| | — 「Heavy Rainfall Control for Living Together with Isolated-Convective Rainstorms and Line-Shaped Rainbands」 | Project Manager YAMAGUCHI Kosei Associate Professor, Disaster Prevention Research Institute, Kyoto University |
| 11:45-13:00 | Lunch Break | |
| 13:00-13:30 | Keynote Speech 2 | Shu-Chih Yang (Professor, National Central University) |
| 13:30-13:55 | Moonshot Goal8 Core Project (Newly joined) | TBD |
| 13:55-14:25 | Keynote Speech 3 | Program Director MIYOSHI Takemasa Team Leader, Center for Computational Science, Data Assimilation Research Team, RIKEN |
| 14:25-15:25 | Panel Discussion | |
| | — 「Exploring the Future of Research and Development in Weather Control」 | |
| | Moderator | SAKAJO Takashi (Professor, Graduate School of Science, Kyoto University) |
| | Panelist | MIYOSHI Takemasa, Craig Bishop, Shu-Chih Yang, Pierre Tandeo (Associate Professor, IMT-Atlantique) |
| 15:25-15:30 | Closing Remarks | Program Director MIYOSHI Takemasa |