

| <b>June 2 (Sun)</b>                   |  |  |
|---------------------------------------|--|--|
| <b>Excursion</b>                      |  |  |
| <b>June 3 (Mon)</b>                   |  |  |
| 9:00~11:50                            | Qualifying Exam. of GP-EES students        |  |
| 11:50~14:50                           | Poster Session & Lunch Break               |  |
| 14:50~17:40                           | Qualifying Exam. of GP-EES students        |  |
| 18:00~20:00                           | Discussion @AOSIS                          |  |
| <b>June 4 (Tue)</b>                   |  |  |
| 9:00~9:10                             | Toshio SUGA                                | <b>Opening Remarks</b>   |
| <b>Session 1 (Chair: K. EMOTO)</b>    |  |  |
| 9:10~9:40                             | Benoit TAISNE                              | Near Real Time Remote Characterisation of Explosive Eruptions for Mitigation of Impacts and Loss in SE Asia      |
| 9:40~10:10                            | Mayumi MUJIN                               | In-situ observation of nucleation and growth in magma  |
| 10:10~10:30                           | Coffee Break                               |  |
| 10:30~11:00                           | Gerd STEINLE-NEUMANN                       | P-V-T equation-of-state to the TPa regime for liquid Fe from ab-initio simulations                               |
| 11:00~11:30                           | Julien GASC                                | Lab-quakes during high pressure deformation experiments as analogues for intermediate and deep-focus earthquakes |
| 11:30~13:00                           | Group Photo & Poster Session & Lunch Break |  |
| <b>Session 2 (Chair: S. SUGIMOTO)</b> |  |  |
| 13:00~13:30                           | Kelvin RICHARDS                            | Marine viruses and their impact in a turbulent ocean   |
| 13:30~14:00                           | Yoichi INAI                                | Balloon-borne observations and trajectory analysis in the lower stratosphere                                     |
| 14:00~14:30                           | Frederick BINGHAM                          | Interannual variability of the surface salinity maximum regions of the South Pacific and South Indian Oceans     |
| 14:30~14:50                           | Coffee Break                               |  |
| 14:50~15:20                           | Hideko TAKAYANAGI                          | New insights into Quaternary paleoceanography in the eastern Indian Ocean  |
| <b>Session 3 (Chair: R. TAKAGI)</b>   |  |  |
| 15:20~15:50                           | James D. P. MOORE                          | Hydration state of the Martian lithosphere constrained from gravity and topography                               |
| 15:50~16:20                           | Jun MUTO                                   | Deep Afterslip and nonlinear transient mantle flow after the 2011 Tohoku-Oki Earthquake                          |
| 16:20~16:40                           | Coffee Break                               |  |
| 16:40~17:10                           | Martha SAVAGE                              | Seismic anisotropy measured before and after the 2016 Kumamoto and Kaikoura earthquakes                          |
| 17:10~17:40                           | Ross S. STEIN                              | Temblor: A mobile app to help the public understand and reduce their earthquake risk                             |
| 17:40~17:50                           | Michihiko NAKAMURA                         | <b>Closing Remarks</b>   |