**Geospace side meeting at ISAR-4 (17:45-19:15 on 27th April, Room number 202)**

(Meeting will be followed by a group dinner at a local restaurant)

**Part 1: Brief introduction of each poster presentation**

3 minutes’ presentation without questions and answers.

[Speakers and titles]
(1) Yoshihiro Tomikawa, NIPR TRAJECTORY MODEL (NITRAM) AND METEOROLOGICAL FIELD DISPLAY SYSTEM
(2) Jeong-Han Kim et al., Vertical structure of temperature variations in the mesosphere and lower thermosphere region during stratospheric sudden warming
(3) Yuka Sato et al., Further observations of 4fce auroral roar
(4) Rui Wang et al., Periodic variation characteristics of the high-latitudinal tropopause over Point Barrow (71.3°N, 156.8°W)
(5) Yasunobu Ogawa et al., Upper atmosphere cooling over the past 33 years
Note: Core time of the poster presentation for A4 session is scheduled at 17:45-19:15 on 28th April.

**Part 2: Short report of research activity and hot topics from each organization/nation.**

Presentation for 5 min each.

[Speakers and titles]
(1) Prof. Kazuo Shiokawa (STEL, Nagoya University)
   Current status of Optical Mesosphere Thermosphere Imagers (OMTIs)
(2) Dr. Esa Turunen (SGO, University of Oulu)
   Recent advance and future plans for Arctic Geospace studies by radio methods in Finland
(3) Dr. Desheng Han (Polar Research Institute of China)
   The activity of PRIC (Polar Research Institute of China) at polar regions
(4) Dr. Geonhwa Jee (Korea Polar Research Institute)
   Observations for the polar upper atmosphere at Korea Polar Research Institute
(5) Dr. Yasunobu Miyoshi (Kyushu University)
   Research activity at Kyushu University and GAIA simulation group
(6) Dr. Craig Heinselman (EISCAT Scientific Association)
   EISCAT
(7) Dr. Yvan Orsolini (NILU - Norwegian Institute for Air Research)
   Research Activities at the Birkeland Centre for Space Science, University of Bergen
(8) Prof. William Ward (University of New Brunswick)
   Geospace Observatory (GO) Canada
(9) Dr. Johan Kero (Swedish Institute of Space Physics, IRF)
   Swedish Institute of Space Physics
(10) Dr. Takumi Abe (Japan Aerospace Exploration Agency)
    T.B.C.
(11) Prof. Takuji Nakamura (NIPR, Japan)
    Upper atmosphere research at NIPR, Japan