| No.   | PI   | Affiliation  | Research Title  |
|---|--|--|---|
| L01   | H. Luce  | Toulon Univ.   | Tropospheric turbulence characterization from high-resolution balloon and radar observations  |
| F02   | A. Saito   | Kyoto Univ.  | Coordinated observation of the MU radar and EAR with the ISS-IMAP mission   |
| F03   | M. Yamamoto  | Kyoto Univ.  | MU radar and Equatorial Atmosphere Radar observations for international campaign along 120E/60W meridional circle   |
| F04   | J. Furumoto  | Kyoto Univ.  | A-year-long Evaluation of GPM-DPR measurement with the MU radar and EAR   |
| F05   | S. Sridharan   | NARL   | Investigation of the seeding mechanisms for the quasi-periodic radar echoes from the E-region field aligned irregularities  |
| F06   | K. Shiokawa  | Nagova Univ.   | Cooperative observation of the upper atmosphere using the Optical Mesosphere Thermosphere Imagers. EAR, and the MU radar  |
| F07   | Y Maekawa  | Osaka EC.  | A study on the effects of precipitating clouds on the propagation paths of satellite communications   |
| 107   | M K Vamamoto   | Univ.<br>Kyoto Univ  | Observational study of cloud dynamical and microphysical processes using atmospheric and cloud raders   |
| A00   |  |  |   |
| A09   | H. Hashiguchi  | Kyoto Univ.  | Observational study of three-dimensional structure near Typhoon center  |
| A10   | M. Tsutsumi  | NIPR   | Test observations for PANSY radar operations  |
| AII   | K. Nishimura   | NIPR   | An observational experiment for the proposed vertical wind estimation method  |
| A12   | T. Shimomai  | Shimane Univ.  | DSD estimation by using the MU radar, BLR, MRR  |
| A13   | Y. Shibagaki   | Univ.  | Studies on Development and Organization of Frontal Disturbances with MU and Meteorological Radars   |
| A14   | H. Hashiguchi  | Kyoto Univ.  | Study of heavy thunderstorms and snowstorms affecting highway maintenance   |
| A15   | H. Hashiguchi  | Kyoto Univ.  | "Field Laboratories in Multi-scale Earth Dynamics II" (Graduate School of Science, ARS, GSS)  |
| A16   | M.K. Yamamoto  | Kyoto Univ.  | Development of imaging wind profiler radar and measurement of fine-scale turbulence in the boundary layer   |
| A17   | T. Nakajo  | Fukui Univ. of<br>Tech.  | Detailed observation of vertical structure of atmospheric boundary layer by using range-imaging wind profiler radars  |
| A18   | T. Tsuda   | Kyoto Univ.  | Estimation of the ground-level humidity variation by detecting transmitted radio-wave from LQ-7   |
| A19   | J. Furumoto  | Kyoto Univ.  | Elucidation of vertical structure of Hira-Oroshi using meteorological balloon measurement   |
| A20   | Y. Kodama  | Hirosaki Univ.   | In site observation of Yamase by Wind Profiler/RASS and Radiosonde  |
| A21   | M. Yabuki  | Kyoto Univ.  | Validation of air quality measurement techniques through combinations of remote-sensing and in-situ instruments   |
| A22   | M. Yabuki  | Kyoto Univ.  | Earth science field experiments (Nara Women's University)   |
| A23   | M. Yabuki  | Kyoto Univ.  | Development of a compact rotational Raman lidar for temperature measurements  |
| A24   | RISH   |  | Middle Atmosphere Standard Observation with the MU Radar (GRATMAC)  |
| B25   | H. Yamakawa  | Kyoto Univ   | Shape Estimation of Space Debris Using MU Radar   |
| _   |  | Ryoto Oniv.  | Shape Estimation of Space Debits Using the Radar  |
| B26   | T. Iyemori   | Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations   |
| B26<br>B27  | T. Iyemori<br>RISH   | Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations<br>Ionospheric Standard Observation with the MU Radar   |
| B26<br>B27<br>C28   | T. Iyemori<br>RISH<br>M.K. Yamamoto  | Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations<br>Ionospheric Standard Observation with the MU Radar<br>Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver   |
| B26<br>B27<br>C28   | T. Iyemori<br>RISH<br>M.K. Yamamoto  | Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations<br>Ionospheric Standard Observation with the MU Radar<br>Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver<br>Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR)   |
| B26<br>B27<br>C28<br>C29  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang  |
| B26<br>B27<br>C28<br>C29<br>C30   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-acele structure of convective systems in Indonesian Maritime Continent   |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric using programment to measurement to measurement  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region   |
| <ul> <li>B26</li> <li>B27</li> <li>C28</li> <li>C29</li> <li>C30</li> <li>C31</li> <li>C32</li> <li>C33</li> </ul>  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent   |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the troposphere  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan  | Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37<br>C38   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37<br>C38<br>C39  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37<br>C38<br>C39<br>C40   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>LAPAN  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37<br>C36<br>C37<br>C38<br>C39<br>C40<br>C41  | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki   | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>LAPAN<br>Kyoto Univ.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements  |
| B26         B27         C28         C29         C30         C31         C32         C33         C34         C35         C36         C37         C38         C39         C40         C41         C42   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>G. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki   | Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>LAPAN<br>Kyoto Univ.<br>Kyoto Univ.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang   |
| B26         B27         C28         C29         C30         C31         C32         C33         C34         C35         C36         C37         C38         C39         C40         C41         C42         D43   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki<br>Marzuki  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>LAPAN<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of the equatorial ozone in the tropopause region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS  |
| <ul> <li>B26</li> <li>B27</li> <li>C28</li> <li>C29</li> <li>C30</li> <li>C31</li> <li>C32</li> <li>C33</li> <li>C34</li> <li>C35</li> <li>C36</li> <li>C37</li> <li>C38</li> <li>C39</li> <li>C40</li> <li>C41</li> <li>C42</li> <li>D43</li> <li>D44</li> </ul> | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki<br>Marzuki<br>S. Saito  | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>BPPT<br>LAPAN<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS Study on the onset and propagation mechanism of equatorial spread F with EAR, NICT ionospheric observation network, and GPS  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C36<br>C37<br>C36<br>C37<br>C38<br>C39<br>C40<br>C41<br>C41<br>C42<br>D43<br>D44<br>D45   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>S. Mori<br>S. Mori<br>S. Mori<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>S. Saito<br>Marzuki<br>S. Saito<br>T. Tsugawa<br>M. Yamamoto                              | Kyoto Univ.<br>Kyoto Univ.<br>Chienkuo Tech.<br>U.<br>Shimane Univ.<br>Osaka EC.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>Tokyo Metro.<br>Univ.<br>JAMSTEC<br>Kyoto Univ.<br>Kyoto Univ.<br>LAPAN<br>BPPT<br>LAPAN<br>BPPT<br>LAPAN<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.<br>Kyoto Univ.   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS Study on decomparise distribution methanism of equatorial spread F with EAR, NICT ionospheric observation network, and GPS receiver network Study of equatorial Spread-F with satellite-ground beacon experiment and the Equatorial Atmosphere Radar   |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C35<br>C34<br>C35<br>C36<br>C37<br>C36<br>C37<br>C38<br>C39<br>C40<br>C41<br>C42<br>C41<br>C42<br>D43<br>D44<br>D45<br>D46   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>T. Shibagaki<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Asif Awaludin<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki<br>Marzuki<br>S. Saito<br>T. Tsugawa<br>M. Yamamoto                | Ryoto Univ.Kyoto Univ.Kyoto Univ.Chienkuo Tech.<br>U.Shimane Univ.Shimane Univ.Osaka EC.<br>Univ.Tokyo Metro.<br>Univ.JAMSTECKyoto Univ.JAMSTECKyoto Univ.LAPANBPPTLAPANKyoto Univ.Kyoto Univ.IAPANLAPANKyoto Univ.Kyoto Univ.  | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS Study on the onset and propagation mechanism of equatorial spread F with EAR, NICT ionosphere Radar Observations of the field-aligned irregularities in the ionosphere using the EAR and 30.8 MHz radar  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C33<br>C34<br>C35<br>C36<br>C37<br>C36<br>C37<br>C38<br>C39<br>C40<br>C41<br>C42<br>C41<br>C42<br>D43<br>D44<br>D45<br>D46<br>AD47   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>Eddy Hermawan<br>Findy Renggono<br>Findy Renggono<br>Asif Awaludin<br>Findy Renggono<br>Asif Awaludin<br>Peberlin<br>Sitompul<br>Marzuki<br>Marzuki<br>S. Saito<br>T. Tsugawa<br>M. Yamamoto<br>Y. Otsuka | Ryote Univ.Kyote Univ.Kyote Univ.Chienkuo Tech.<br>U.Shimane Univ.Shimane Univ.Osaka EC.<br>Univ.Tokyo Metro.<br>Univ.JAMSTECKyote Univ.LAPANBPPTLAPANLAPANKyote Univ.Kyote Univ.Kyote Univ.LAPANLAPANKyote Univ.Kyote | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the tropopause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air turbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmosphere Radar observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Vertical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS Study on the onset and propagation mechanism of equatorial spread F with EAR, NICT ionosphere Radar Observation set the field-aligned irregularities in the ionosphere using the EAR and 30.8 MHz radar Investigation on generating factor of transverse band (TVB)  |
| B26<br>B27<br>C28<br>C29<br>C30<br>C31<br>C32<br>C33<br>C34<br>C33<br>C34<br>C35<br>C36<br>C37<br>C38<br>C37<br>C38<br>C39<br>C40<br>C41<br>C41<br>C42<br>D43<br>D44<br>D45<br>D44<br>D45<br>D46<br>AD47<br>B48   | T. Iyemori<br>RISH<br>M.K. Yamamoto<br>JS. Chen<br>T. Shimomai<br>Y. Shibagaki<br>M. Abo<br>C. Nagasawa<br>S. Mori<br>C. Nagasawa<br>S. Mori<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>H. Hashiguchi<br>S. Mori<br>S. Mori<br>S. Mori<br>S. Mori<br>H. Hashiguchi<br>Marzuki<br>S. Saito<br>Marzuki<br>Marzuki<br>Marzuki<br>S. Saito<br>T. Tsugawa<br>M. Yamamoto<br>Y. Otsuka                  | Ryote Univ.Kyote Univ.Kyote Univ.Chienkuo Tech.<br>U.Shimane Univ.Osaka EC.<br>Univ.Tokyo Metro.<br>Univ.JAMSTECKyote Univ.JAMSTECKyote Univ.LAPANBPPTLAPANKyote Univ.Kyote Univ.Kyote Univ.JAMSTECKyote Univ.JAMSTECKyote Univ.JAMANKAPANJAMAKyote Univ.Kyote Univ.KAPANKAPANKARINICTKyote Univ.JAANARL   | Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Effects of ionospheric E-fields, winds and lower atmospheric disturbances on geomagnetic variations Ionospheric Standard Observation with the MU Radar Enhancement of range imaging measurement capability of the Equatorial Atmosphere radar by the new digital receiver Range imaging of lower atmosphere and ionosphere using the Equatorial Atmosphere Radar (EAR) Vertical profiles of raindrop size distribution at Kototabang Multi-scale structure of convective systems in Indonesian Maritime Continent Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region Lidar observation of the equatorial ozone in the troppause region Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent Observational study on fine structure of clear air tarbulence in the tropical troposphere Overseas field training in Equatorial Atmosphere Observatory Development of Indonesian Monsoon Index (IMI) Based on EAR and other Facilities at Kototabang Study on drop size distributions based on Equatorial Atmospheric observations Software defined radio application as a digital receiver for range imaging atmospheric radar Signal and data processing of EAR on atmospheric and ionospheric observation mode Variability of Varical Structure of Rainfall over Indonesian Maritime Continent: TRMM observations and Wind Profiler Measurements Variability of rain drop size distribution at Kototabang and Padang Studies of spatial gradient in TEC and plasma bubble monitoring for GNSS Study on the onset and propagation mechanism of equatorial spread F with EAR, NICT ionosphere Radar Observations of the field-aligned irregularities in the ionosphere using the EAR and 30.8 MHz radar Investigation on generating factor of transverse band (TVB) Exploration of daytime 150 km echoes using the MU radar |

Collaborative Research based on MU Radar and Equatorial Atmosphere Radar in June-November 2014