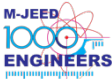


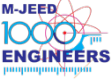
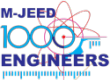
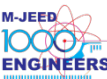
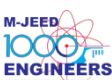
LIST OF POSTER PRESENTATIONS

Poster core time: 14:40 - 15:40 on 17 Dec

Best student poster award presentation: 12:40-12:50 on 19 Dec

1. **Nozomu Tsuchiya**, Kazuo Kawasaki, Syota Kato, Atsushi Matsuki, Magnetic investigations of atmospheric aerosol particles in Noto region
2. **Ryota Kuniyama**, Ayumi Iwata, Masao Gen, Chak K. Chan, Atsushi Matsuki, Application of SERS on the chemical analysis of Aitken mode particles
3. **Kohei Ono**, Yuki Mizushima, Atsushi Matsuki, Ayumi Iwata, Measurement of adhesion force of individual aerosol particles by atomic force microscopy
4. **Chultem Batbold**, Sonomdagva Chonokhuu, Khongor Gankhuyag, Heavy metal pollution in atmospheric settled dust from Ulaanbaatar, Mongolia 
5. **Lulu Zhang**, Lu Yang, Quanyu Zhou, Xuan Zhang, Wanli Xin, Yongjie Wei, Jianrong Bi, Ryohei Nakatsubo, Masayuki Shima, Akira Toriba, Kazuichi Hayakawa, Ning Tang, Conversion of naphthalene in the aqueous phase under the action of Asian dust particles
6. **Lu Yang**, LuLu Zhang, Quanyu Zhou, Xuan Zhang, Wanli Xing, Qing Wu, Zhijun Zhou, Akira Toriba, Kazuichi Hayakawa, Ning Tang, Characteristics of atmospheric PM-bound polycyclic aromatic hydrocarbons (PAHs) and nitro-PAHs in Shanghai, China
7. **Xuan Zhang**, Yongjie Wei, Lulu Zhang, Lu Yang, Quanyu Zhou, Wanli Xing, Akira Toriba, Kazuichi Hayakawa, Ning Tang, Effects of short-term exposure of air pollutants on lung function of residents
8. **Alessia Nicosia**, Seiji Kubota, Kohei Ono, Ryota Kuniyama, Nozomu Tsuchiya, Atsushi Matsuki, Long-term measurements of aerosol physical properties in the Noto Peninsula

9. **Quanyu Zhou**, Lulu Zhang, Lu Yang, Xuan Zhang, Wanli Xing, Akira Toriba, Kazuichi Hayakawa, Ning Tang, Acidity and source apportionment of particles at a remote background site, Japan
10. **Wanli Xing**, Lulu Zhang, Lu Yang, Quanyu Zhou, Xuan Zhang, Akira Toriba, Kazuichi Hayakawa, Ning Tang, The characteristics of PM_{2.5}-bound polycyclic aromatic hydrocarbons and nitro-polycyclic aromatic hydrocarbons at a Roadside Air Pollution Monitoring Station, Kanazawa, Japan
11. **Xiaofei DONG** Bin CHEN and Guangyu SHI, Comparison of bioaerosol properties between over dust source area and over dust deposition area
12. **Xin DONG**, Bin CHEN and Guangyu SHI, Optical properties of atmospheric aerosols determined by sky-radiometer system over Beijing, China
13. **Ping Shao**, Xiaobin Xu, Xiaoling Zhang, Jing Xu, Ying Wang, and Zhiqiang Ma, Responses of particulate matters to volatile organic compounds and photochemical activities during a high ozone episode at urban, suburb and regional background stations in Beijing.
14. **M. Takeda**, Y. Inomata, T. Seto, H. Nakamura, K. Hayakawa, Transboundary transport of polycyclic aromatic hydrocarbons and evaluation of human health effects
15. **H. Terashima**, K. Hirai, M. Iwasaki, K. Fukumori, T. Seto, H. Higashi, Y. Inomata, Measurement and collection of oil mist generated in metal machining process in the industrial working environment
16. **I. Shimizu**, T. Seto, Y. Inomata, H. Higashi. Chemical analysis of size distributed atmospheric aerosol and production of model particle
17. **Y. Sanbu**, Y. Inomata, K. Rakuma, T. Seto, A. Yoshino, A. Takami, Chemical composition analysis of fine particulate matter by particle size in Fukue Island
18. **K. Rakuma**, Y. Inomata, Y. Sanbu, T. Seto, A. Yoshino, A. Takami, Elucidation of the mechanism of new particle formation process by spring atmospheric observation at Fukue Island

19. **Koki Morida**, Keisuke Fukushi, Hiroshi Sakuma, Swelling behavior of magnesium saturated smectites
20. **Baasansuren Gankhurel**, Keisuke Fukushi, Akitoshi Akehi, Yoshio Takahashi, Kazuo Kawasaki, Chemical speciation and solubility of heavy metals (arsenic, lead, cadmium) in contaminated soil from Kamegai mine Tailing, Toyama, Japan 
21. **Solongo Tsetsgee**, Fukushi Keisuke, Altansukh Ochir, Takahashi Yoshio, Akitoshi Akehi, Ariuntungalag Yunden, Enkhjin Odgerel, Noriko Hasebe, Spatial and temporal observation of molybdenum in surface aquatic environment, around Erdenet city, Mongolia 
22. **Takuma Kitajima**, Keisuke Fukushi, Formation and solubility of hydrous carbonates formed in alkaline lakes under freezing condition
23. **Yudai Igarashi**, Noriko Hasebe, Uyangaa Udaanjargal, Makoto Sambo, Hitoshi Hasegawa, Niiden Ichinnorov, Nagayoshi Katsuta, Davaadorj Davaasuren, OSL and ¹⁴C chronology of 10.5 m core from Lake Olgoy, Valley of the Lake in Mongolia
24. **Uyangaa Udaanjargal**, Hasebe Noriko, Davaadoj Davaasuren, Igarashi Yudai, Fukushi Keisuke, Hitoshi Hasegawa, Baasansuren Gankhurel, Katsuta Nagayoshi, Shuuhaaz Ganbat, Ichinnorov Niiden, The preliminary result of 10.5m core from Lake Olgoy, Valley of the Lake in Mongolia 
25. **Mikiya Tsuruoka**, S. Ochiai, A. Matsuki, S. Nagao, Dynamics of earth surface materials in a reservoir-catchment system inferred from ⁷Be and ²¹⁰Pb
26. **Ariunsanaa Baterdene**, Nagao Seiya, Keisuke Fukush, Short-term dynamics of dissolved major and trace elements in Lake Kiba-Gata 
27. **Rodrigo Mundo**, Tetsuya Matsunaka, Hisanori Iwai, Seiya Nagao, Sources and pathways of polycyclic aromatic hydrocarbons transported to West Nanao Bay, Noto peninsula, Japan

28. **Putra, D.I.P.**, Tomihara, S., Buessler, K.O., Nagao, S., Vertical Profiles of Radiocesium in beach sand samples from Yotsukura, Fukushima Prefecture, after the Fukushima Daiichi Nuclear Power Plant Accident
29. **Aika Sekimoto**, Tsuyoshi Ohira, Nobuo Suzuki, Functional analysis of a matrix peptide associated with calcification in the exoskeleton of the Kuruma prawn, *Marsupenaeus japonicus*
30. **Junko Migitaka**, Azusa Seki, Atsuhiko Hattori, Nobuo Suzuki, Influence of melatonin on bone metabolism in aged mice
31. **Masfiro Lailati**, Shang Yichen, Thien Quang Huynh, Koji Ito, Naoya Katsumi, Yumiko Mizuuchi, Masaya Ino, Nisikawa Usio, Application of bamboo biomass resources in agrochemical-free rice farming: effects, on rice production
32. **Thien Quang Huynh**, Masayuki K., Sakata Ryohei Nakao, Shinya Nomura, Masfiro Lailati, Toshifumi Minamoto, Nisikawa Usio, Application of bamboo biomass resources in agrochemical-free rice farming: effects on Odonata diversity
33. **Battsengel Enkhchimeg**, Murayama Takehiko, Keisuke Fukushi, Nishikizawa Shigeo, Tsetsgee Solongo, Davaasuren Davaadorj, Ochir Altansukh, Chonokhuu Sonomdagva, Health risk assessment of heavy metal in soil near Ger district of Ulaanbaatar city, Mongolia

