

## Research proposals approved for 2009 campaign

1. Naoki Kaneyasu and Shohei Murayama(National Institute of Advanced Industrial Science and Technology)  
“The origin of particulate carbon studied by stable isotope.(TBD)”
2. NAGASAWA Junichi (The University of Electro-communications ),TOMITA Hisato (Shizuoka Institute of Science and Technology), SUGIYAMA Koji(Shizuoka University), OHNO Hideki : Kyorin University  
“Mountain-climbing and oxidative stress”
3. Paolo Laj (Laboratoire de Glaciologie et Geophysique de l’Environnement), Karine Sellegri (LaMP), Atsushi Matsuki (Frontier Science Organization, Kanazawa University)  
“New Particle Formation Events at Mount Fuji”
4. Hiroshi Okochi (School of Science and Engineering, Waseda University)), Kazuhiko Miura (Faculty of Science Division I, Tokyo University of Science), Katsuhiro Nagano (Faculty of Science and engineering, Tokyo University of Science), Yukiya Minami (Faculty of Bioscience and Environmental Science, Ishikawa Prefectural University), Hiroshi Takahashi (Geochemical Research Department, Meteorological Research Institute), Hiroshi Kobayashi (Faculty of Engineering, University of Yamanashi), Yoko Katayama (Institute of Symbiotic Science and Technology, Tokyo University of Agricultural and Technology), Masaki Takeuchi (Institute of Health Biosciences, The University of Tokushima Graduate School)  
“Observation of aerosol-cloud-precipitation interaction in the free troposphere using Mt. Fuji”
5. Hiroshi YASUDA(National Institute of Radiological Sciences), Kazuaki YAJIMA (National Institute of Radiological Sciences), Takao MATSUZAWA (Ibaraki National College of Technology), Tatsuo TORII ( Japan Atomic Energy Agency), Masashi KAMOGAWA, (Department of Physics, Tokyo Gakugei University),and other several collaborators  
“Real-time Estimation of Cosmic Radiation Exposure at High Altitude”
6. Katsumi ASANO (The Graduate University of Japan Traditional Medicine and Science), Ikuo HOSONUMA, Ryousuke TAKEI (The Graduate University of Japan Traditional Medicine and Science )  
“Studies on the responses of autonomic nervous system and acupuncture to acute mountain sickness during short staying at the top of Mt. Fuji.”
7. Masayoshi Yamamoto (National Institute of Fitness and Sports in Kanoya), Katumi Asano ( Graduate University of Japan Traditional Medicine and Science )  
“Measurement of physiological stress during climbing and staying at Mt. Fuji of middle-aged people”
8. Takehiro Masuzawa (Shizuoka University Faculty of Science Department of Biology)  
“Dynamics of permafrost and plant community during 10 years on summit of Mt. Fuji”

9. Rika Ide (Department of Otorhinolaryngology, Eiju General Hospital)  
“The Effects of acetazolamide on central apnea”
  
10. Jost Heintzenberg, Yoshiteru Iinuma (Leibniz-Institute for Tropospheric Research),  
Kimitaka Kawamura (Institute of Low Temperature Science, Hokkaido  
University)\*  
“Characterization of particulate organic tracer compounds on Mt. Fuji”  
\* The change of the main researcher from Jost Heintzenberg to Kimitaka Kawamura was  
approved at the Academic Committee on May 13, 2009.
  
11. Yukiko Dokiya (NPO “Valid Utilization of Mt. Fuji Weather Station”) Kazuya Sasaki<sup>2</sup>,(the  
University of Tokyo), Satoshi Yamamoto<sup>1</sup>, Hiroshi Kobayashi<sup>1</sup>, Yoshizumu Kajii<sup>1</sup>, Hiroshi  
Okouchi<sup>1</sup>, Naoki Kaneyasu<sup>1</sup>, Kazuhiko Miura<sup>1</sup>, Yasunobu Iwasaka<sup>1</sup>, Shiro Hatakeyama<sup>1</sup>,  
Yukiya Minami<sup>1</sup>, Hiroshi Yasuda<sup>1</sup> (NPO “Valid Utilization of Mt. Fuji Weather Station”)  
“ Feasibility study on the construction of emission-free-micro-grid at the summit of Mt.  
Fuji”
  
12. Izumi Noguchi (Department of Anesthesiology School of Dental Medicine, Tsurumi  
University), Koji Takano (Department of Anesthesiology School of Dental Medicine,  
Tsurumi University)  
“Effects of Oral Appliance for Sleep Hypoxemia under Hypoxic Environment”
  
13. Morimasa Takayama (not yet available)
  
14. Osamu Nagafuchi (University of Shiga Prefecture)  
“Long-range transport of atmospheric mercury and fly ash in free troposphere “