

## Poster/Video Presentations

- P1-1: Microbes in million years aged groundwater of deep geothermal aquifer in the Great Artesian Basin, Australia  
Dr. Hiroyuki Kimura (Shizuoka Univ., Japan)
- P2-1: Influence of global volcanisms on C, N and P elemental cycles on the early earth and its constraints on the evolution of early life  
Dr. Takeshi Kakegawa (Tohoku Univ., Japan)
- P2-2: Sequence-specific cleavage of 16S rRNA with oligonucleotides and ribonuclease H: a rapid and simple approach to the rRNA-based quantitative detection of microorganisms in complex ecosystems  
Dr. Yuji Sekiguchi (AIST, Tsukuba, Japan)
- P2-3: Production of novel genes discovered by environmental genomics from hydrothermal environments  
Dr. Mayumi Sasaki (AIST, Tsukuba, Japan)
- P3-1: Long distance transport of phosphate in arbuscular mycorrhizal fungi: linking structure and function  
Dr. Yukari Kuga-Uetake (Shinshu Univ., Japan)
- P3-2: Horizontal transfer of symbiotic bacteria to host offspring in the light organ symbiosis between *Photobacterium leiognathi* and leiognathid fish  
Dr. Minoru Wada (Ocean Res. Inst., Univ. of Tokyo, Japan)
- P3-3: A cell-to-cell signaling molecule produced by environmental indigenous bacteria enhances tolerance to an antimicrobial of *Pseudomonas aeruginosa*  
Dr. Nobuhiko Nomura (Univ. of Tsukuba, Japan)
- P4-1: Genomic and phenotypic comparison of mesorhizobial isolates from *Lotus* species in Japan and other places  
Dr. Kazuhiko Saeki (Osaka Univ., Tokyo)
- P4-2: Isolation of novel acidophilic or acido-tolerant heterotrophic bacteria from Japanese acidic environments and their phylogenetic diversity  
Dr. Tsuyoshi Yasuta (Natl. Inst. Technol. Eval., Japan)
- S-1: Autoecological study of a  $\gamma$ -hexachlorocyclohexane ( $\gamma$ -HCH) decomposing bacterium in the soil of long-term experimental upland field  
Dr. Keishi Senoo (Univ. of Tokyo, Japan)
- S-2: Attempts on potential rate measurements of anaerobic ammonia oxidation in freshwater sediments and sewage sludges  
Dr. Yuichi Suwa (AIST, Tsukuba, Japan)
- S-3: Fluorescence lifetime imaging (FLIM) of in situ microbial activity  
Dr. Thomas R. Neu (UFZ Center for Env. Res., Germany)