

ICoN5: Selected Poster Talks

Nunzia Picone (Radboud University, Nijmegen, The Netherlands)

P47 - Nitrosative stress in *Methylacidiphilum fumariolicum* SolV

Sukhwan Yoon (KAIST, Daejeon, Republic of Korea)

P61 - Nitrous oxide reduction by an obligate aerobic bacterium *Gemmatimonas aurantiaca* strain T-27

Aina Soler-Jofra (Delft University of Technology, The Netherlands)

P23 - Importance of hydroxylamine in abiotic N₂O production: reaction kinetics and mitigation strategies

Thi Kinh Co (Tokyo University of Agriculture and Technology, Japan)

P15 - Counter-diffusion biofilms for simultaneous nitrification and denitrification reduce NO and N₂O emissions: Proof of concept based on depth-profile analysis

Pamela Camejo (University of Wisconsin - Madison, USA)

P27 - Unraveling the microbial response to micro-aerobic conditions of a distinctive ammonia-oxidizing bacterium (AOB)

Aniela Mundinger (Radboud University, Nijmegen, The Netherlands)

P33 - Molecular analysis of the nitrite-oxidation system of *Nitrospira moscoviensis*

Michael Lukumbuza (University of Vienna, Austria)

P67 - Nitrifying microcolonies from activated sludge: A look at mini metagenomes

Sanni L. Aalto (University of Jyväskylä, Finland)

P73 - Wastewater-driven changes in the sediment microbial community

Queralt Güell-Bujons (University of Vienna, Austria)

P65 - Community ecology and ecophysiology of nitrite oxidizers from saline-alkaline lakes. Insights in identity, dynamics, and adaptations

Julian Damashek (University of Georgia, Athens, USA)

P89 - Oxidation of polyamine nitrogen by Thaumarchaeota-dominated mixed communities and Thaumarchaeota isolates from the coastal ocean