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| **7th Joint Forum of Environmental Sciences 2017, Matsuyama**  **National Taiwan Ocean University (NTOU), National Cheng Kung University (NCKU)**  **and Ehime University (EU)**  （今回は都合により韓国全南大学の参加はありません）  Venue: 校友会館２階サロン (Alumni Association Hall, Ehime University) | | |
| **Day/ time** | **Presentation (Speaker)** | **Remarks** |
| 9/6 (wed) | (Arriving at Matsuyama) |  |
| 9/7 (thu) am  9:30-9:40 Opening remarks  9:40-10:25  Lecture1  10:25-10:50  Oral1  10:50-11:00  Break  11:00-11:25  Oral2  11:25-11:50  Oral3 | Shinsuke Tanabe  Jer-Horng Wu et al (NCKU): Microbiome Dynamics in a Shrimp Grow-out Pond with Possible Outbreak of Bacterial Disease  \*Yung-Hsien Shao and J-H Wu (NCKU): Use of Hierarchical Oligonucleotide Primer Extension (HOPE) for Relative Abundance Analysis of Ammonia- and Nitrite-metabolizing Bacteria in Autotrophic Nitrogen Removal System  \*Jing Zhang et al (EU): A numerical model for separating nutrients with different origins in the ecosystem of the East China Sea  \*Hung-Yun Lin (NTOU): From the Study on Phosphate Starvation Responses to the Development of a High Efficient Expression System in the Marine Diatom *Phaeodactylum tricornutum* | Chair: S. Suzuki  Chair: Y. Obayashi |
| 9/7(thu) pm  13:00-13:45  Lecture2  13:45-14:10  Oral4  14:10-14:20  Break  14:20-14:45  Oral5  14:45-15:10  Oral6  15:10-15:55  Lecture3  15:55-17:30  Poster session  18:30-  Dinner and business meeting | Todd Hsu et al (NTOU): Metal-induced Inhibition of DNA Damage Repair in Zebrafish (*Danio rerio*) Embryos and The Role of Oxidative Stress  \*Vikram Paul (NTOU): Heat Stress Up-regulates UV-damaged-DNA and DNA Mismatch Binding Activities in Zebrafish (*Danio rerio*) Embryos Possibly via Sp1-activated Gene Expression  Satoru Suzuki (EU): Antibiotic resistant bacteria isolated from seawater by oligotrophic culture  \*Rumi Tanoue et al (EU): Occurrence of 72 pharmaceuticals and personal care products (PPCPs) in surface water from India, Indonesia, Vietnam, and Japan  Tatsuya Kunisue (EU): Contamination issue of organohalogen compounds in e-waste recycling sites  At “Sukekaku” (助格三番町店). Traditional Matsuyama style Izakaya (居酒屋) | Chair: J-H Wu  Chair: T. Hsu |
| Poster list | 1) \*Takashi Mano et al (EU): Effects of high frequency internal waves on the formation of moon jellyfish aggregations  2) Yumiko Obayashi et al (EU): Microbial degradation of carcass of gelatinous zooplankton, moon jellyfish (*Aurelia coerulea*) and comb jelly (*Beroe cucumis* s.l.)  3) \*Miwa Nakagawa et al (EU): Seasonal and interannual variations in the nutrient concentrations in the Bungo Channel, Japan  4) \*Hayato Mizuguchi et al (EU): Numerical analysis of the ecosystem responses to the changes of nutrient supply in the Iyo-Nada of the Seto Inland Sea, Japan  5) \*Qiang Chu et al. (EU): Response of marine ecosystem to input of nutrients, dust and rainwater in the South China Sea: Implications for limiting conditions, DOP utilization and regime shift  6) \*Yingying Hu et al (EU): Nutrient supply to euphotic layers along the western boundary of North Pacific  7) \*Rui Saito and Hidetaka Takeoka (EU): Influence of Density Field on Kyucho and Bottom Intrusion in the Bungo Channel  8) \*Kazusa Nozaki et al (EU): Contamination status and risk assessment of pharmaceuticals and personal care products (PPCPs) in freshwater fish from Asian developing countries  9) \*Yoshiaki Kohyama and Satoru Suzuki (EU): Antibiotic resistance gene transfer between marine bacteria and E.coli in starved cells and oligotrophic condition.  10) \*Yuka Yoshinouchi et al (EU): Molecular mechanisms underlying species differences in transactivation potencies of seal and dog estrogen receptors by OH-PCBs  11) \*Yuki Nishida et al (EU): Effects of persistent organic pollutants on the lymphocyte proliferation of captive bottlenose dolphins (*Tursiops truncatus*)  12) \*Tsung-Nan Ho et al. (NTOU): Differential mechanisms of cadmium and mercury (II)-induced down-regulation of DNA mismatch binding activities in zebrafish (*Danio rerio*) embryos |  |