

2024 S-CNC International Symposium

List of Poster Presentations

Note) Presenter marked with an asterisk

No.	Author(Affiliation)	Title
P-01	*Yefei Liang(1) Takumi Arima(1) Aiko Morita(1) 1. Graduate School of Humanities and Social Sciences, Hiroshima University, Hiroshima, Japan	Relationship between inner reading voice styles and eye movements in audio-assisted reading
P-02	*Zepeng Sheng(1) Lydia Ratna Bunthara(1) Masaki Shimamura(1, 2) Tatsuo Nehira(1, 2) Miho Nakahara-Tsubota(3) Jun Wasaki(1, 2) Hiromi Tsubota(1, 2) 1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Miyajima Natural Botanical Garden, Green Innovation Division, Seto Inland Sea Carbon Neutral Research Center, Hiroshima University, Hiroshima, Japan, 3. Cooperative Research Fellow of Natural History Museum and Institute, Chiba, Japan	Evaluation of the utility of <i>Chrysanthemum seticuspe</i> as a novel allelopathy assay plant: a case of allelopathic effects of Chinese tallow (<i>Triadica sebifera</i>)
P-03	*Gamal Nasser Abdel-Hady(1, 2) Akio Kuroda(1) Ryuichi Hirota(1) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Faculty of Agriculture, Minia University, Minia, Egypt)	Laboratory Evolution and Characterization of Nitrate-Resistant Phosphite Dehydrogenase (PtxD) for Enhanced Cyanobacterial Cultivation
P-04	*Zhang Ji(1) Shunsuke Tsubouchi(1) Zhuang Yuhao(1) Makoto Fujie(1) 1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan)	The analysis of lipid production-related genes in <i>Nannochloropsis oceanica</i>

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P-05	<p>*P J Rohan George (Graduate School of Innovation and Practice for Smart Society, Hiroshima University, Hiroshima, Japan)</p>	<p>Estimating economic exposure to glacial lake outburst floods in the Hindu Kush Himalayas under climate change, and related adaptation and mitigation challenges</p>
P-06	<p>*Phan Quynh Chi(1) SHENG Ze-Peng(1) Nakahara-Tsubota Miho(2) Tsubota Hiromi(1, 3) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Cooperative ResearchFellow of Natural History Museum and Institute, Chiba, Japan 3. Miyajima Natural Botanical Garden, Green Innovation Division, Seto Inland Sea Carbon Neutral Research Center, Hiroshima University, Hiroshima, Japan)</p>	<p>Initial insights into the diets of sika deer (Cervus nippon) on Miyajima Island, SW Japan</p>
P-07	<p>*Yoshiki Koyama(1), Hiromi Tsubota(1, 2) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Miyajima Natural Botanical Garden, Green Innovation Division, Seto Inland Sea Carbon Neutral Research Center, Hiroshima University, Hiroshima, Japan)</p>	<p>Preliminary study on vegetation recovery monitoring using Landsat-TM data from 1984 to 1999: A case study of post-forest fire sites on Miyajima Island, SW Japan</p>

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P-08	<p>*Nakamura Hajime(1) Tsubota Hiromi(1, 2) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Miyajima Natural Botanical Garden, Green Innovation Division, Seto Inland Sea Carbon Neutral Research Center, Hiroshima University, Hiroshima, Japan)</p>	<p>Preliminary study on vegetation changes after 50 years in relation with geographic factors on Miyajima Island, SW Japan</p>
P-09	<p>*Tamaki Hiromatsu(1), Yuya Inoue(2, 3), Hiromi Tsubota(1, 4) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan 2. Department of Botany, National Museum of Nature and Science, Ibaraki, Japan 3. Hattori Botanical Laboratory, Miyazaki, Japan 4. Miyajima Natural Botanical Garden, Green Innovation Division, Seto Inland Sea Carbon Neutral Research Center, Hiroshima University, Hiroshima, Japan)</p>	<p>A preliminary study on the chloroplast and mitochondrial genomes of <i>Hedwigia ciliata</i> (Hedwigiaceae, Bryophyta)</p>
P-10	<p>*Hibiki Tanaka(1) Yoko Iwamoto(1), Kazuhiko Takeda(1) (1. Graduate School of Integrated Science for Life, Hiroshima University, Hiroshima, Japan)</p>	<p>Measurement of chemical and physical properties of sea spray aerosol particles using an on-site bubbling device</p>
P-11	<p>*Tang Techngong(1) Yoko Iwamoto(1) Kazuhiko Takeda(1) Kazuhiko Koike(1) (1. Graduate School of Integrated Sciences for Life Hiroshima University, Hiroshima, Japan)</p>	<p>How Oceanic Suspended Particles Turn into Aggregate? : A Process of Driving the Biological Pump in the Oceans</p>

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P-12	<p>*Kuerbangnisha Kadeer(1, 2) Yufei Jiang(1) Yushen Huang(1) Youyu Lin(1) Rumei Jin(1) Chenghao Yin (2) Fangqin Guo (2) Takayuki Ichikawa(2) Xingguo Li(1) Jie Zheng(1)</p> <p>(1. Beijing National Laboratory for Molecular Sciences (BNLMS), College of Chemistry and Molecular Engineering, Peking University, Beijing, China 2. Graduate School of Advanced Science and Engineering, Hiroshima University, Hiroshima, Japan)</p>	Hydrogen generation from coupled methanol steam reforming with metal hydride hydrolysis: effects of metal catalysts and hydrides
P-13	<p>*Takumi Matsuura(1) Yoshiko Okamura (1)</p> <p>(1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan)</p>	Nickel Sulfide synthesized by bacteria
P-14	<p>*Lydia Ratna Bunthara(1), ZePeng Sheng(1), Jun Wasaki(1)</p> <p>(1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan)</p>	The impact of phosphorus supply on the temperature response of hydroponically cultivated <i>Lotus japonicus</i> .
P-15	<p>*Yamada, H.(1), Ratna, L.B.(1), Tanaka, A.(1), Kohama, T.(1), Maruyama, H.(1), Tanaka, W.(1), Nishida, S.(1), Sasaki, T.(1), Wasaki, J.(1)</p> <p>(1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan)</p>	HalALMT1 in cluster roots formed by Phosphorus-deficient-tolerant plant, <i>Hakea laurina</i> .

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P-16	<p>*Teruaki Anekawa(1), Kotaro Hiramatsu(2), Yoshiko Okamura(3), and Yoriko Tominaga(1) (1. Grad. School of Advanced Science and Engineering, Hiroshima University, Hiroshima, Japan 2. Department of Chemistry, Faculty of Sciences, Kyushu University, Fukuoka, Japan 3. Grad. School of Integrated Sci. for Life, Hiroshima University, Hiroshima, Japan)</p>	Differences in crystallinity of bacteria synthesized lead sulfide due to localization
P-1	<p>*Narumi Toda(1), Akio Kuroda(1), Ryuichi Hirota(1) (1. Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan)</p>	Development of contamination control methods for microalgae using cell morphology
P-18	<p>*CHENG GU(1) (1. Graduate School of Advanced Science and Engineering Hiroshima University Hiroshima Japan)</p>	Ammonia Synthesis through Hydrogen Storage Alloy-Based Thermochemical Compressed High-pressure H ₂