

| No. | Session | Titles of your presentation                                                                                                                                   | First Name     | Last Name            | Are you a Tokyo Tech student?  | Current Student Status | Grade/Program | Supervisor                       | School                            | Graduate Major and Department in the School                                                                           | Gender | Nationality | Remarks | Presentation style  |
|-----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|--------------------------------|------------------------|---------------|----------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------|-------------|---------|---------------------|
| 1   | A1-1    | Study of the Silver-doped Gadolinium Iron Oxide for Photoelectrochemical Oxygen Evolution Reaction                                                            | Ani Kham       | Nguyen               | International Exchange student | Graduate student       | M1            | Professor Masahiro Miyazaki      | Tokyo University of Science       | Energy Science and Informatics / Department of Transdisciplinary Science and Engineering                              | Male   | Vietnam     | —       | Oral presentation   |
| 2   | A1-2    | Comparative Scenario Analysis of Renewable Energy Integration and Stability Analysis Loss Power System in 2035                                                | May            | THE THTAR KHIN       | Science Tokyo Regular student  | Graduate student       | M1            | Takayasu Wakayama                | Sch. of Environment and Society   | Energy Science and Informatics / Department of Transdisciplinary Science and Engineering                              | Female | Myanmar     | —       | Oral presentation   |
| 3   | A1-3    | Fabrication and Evaluation of Ion-Selective Permeable Droplets for Enhancing the Power Density of Droplet Network Batteries                                   | Shuji          | Kikuchi              | Science Tokyo Regular student  | Graduate student       | M2            | Thoru Yagi                       | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering, School of Engineering, Institute of Science Tokyo      | Male   | Japan       | —       | Oral presentation   |
| 4   | A1-4    | Visualization of Water Distribution in PORE Water Electrolyzers                                                                                               | Daisyo         | Miyazaki             | Science Tokyo Regular student  | Graduate student       | M2            | Takayasu Wakayama                | Sch. of Engineering               | Energy Science and Informatics / Department of Mechanical Engineering                                                 | Male   | Japan       | —       | Oral presentation   |
| 5   | B1-1    | Life Cycle Assessment of a Biomass-Derived Porous Carbon Adsorption-Regeneration System for PFAS Removal from Water                                           | Chao-Yu        | Heieh                | International Exchange student | Graduate student       | —             | Manabu Fuji                      | —                                 | —                                                                                                                     | Male   | Taiwan      | —       | Oral presentation   |
| 6   | B1-2    | Design of Substrate Slag for Sn Removal from Copper Scrap by Pyrometallurgical Refining                                                                       | Shota          | Mitarai              | Science Tokyo Regular student  | Graduate student       | M2            | Myuki Hayashi                    | Sch. of Materials and Chem. Tech. | Materials Science and Engineering / Department of Materials Engineering                                               | Male   | Japan       | —       | Oral presentation   |
| 7   | B1-3    | Gold recovery using activated carbon prepared from non-metallic reaction of printed circuit board                                                             | Pattarajom     | Saehorn              | Science Tokyo Regular student  | Graduate student       | M2            | Eyupha Pyawichit                 | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | Thailand    | —       | Oral presentation   |
| 8   | B1-4    | Bochar Addives to Enhance Anaerobic Digestion and Methane Production                                                                                          | Alcan          | Suylo                | Science Tokyo Regular student  | Graduate student       | M2            | Jeffery S. Cross                 | Sch. of Environment and Society   | Energy Science and Informatics / Department of Transdisciplinary Science and Engineering                              | Male   | Indonesia   | —       | Oral presentation   |
| 9   | A2-1    | Study of Removal PFAS Substances by Using Trimodal Activated Carbon for Water Remediation                                                                     | NURUL          | OTHMAN               | International Exchange student | Graduate student       | —             | Dr. Toshihiro Isobe              | —                                 | —                                                                                                                     | Female | Malaysia    | —       | Oral presentation   |
| 10  | A2-2    | A Framework for Behavior-Regulated LLM-Based Virtual Teaching Assistant Under Insufficient Course Knowledge Conditions                                        | Povana         | Ritturkua            | Science Tokyo Regular student  | Graduate student       | M1            | Jeffery S. Cross                 | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | Thailand    | —       | Oral presentation   |
| 11  | A2-3    | Development of an Integrated Sensing and Communication System Using 5G mmWave Signals for Pedestrian Detection in Autonomous Vehicles                         | SHIQI          | LIU                  | Science Tokyo Regular student  | Graduate student       | M2            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | China       | —       | Oral presentation   |
| 12  | A2-4    | Proposal of an Integrated Creep Model for Long-Term Deformation Prediction of Steel-Concrete Hybrid Bridges                                                   | Yuen           | Wang                 | Science Tokyo Regular student  | Graduate student       | D2            | Nobuhiko Chigawa                 | Sch. of Environment and Society   | Civil Engineering / Department of Civil and Environmental Engineering                                                 | Male   | China       | —       | Oral presentation   |
| 13  | A2-5    | Physics-Aware Adaptive Access Point Selection Framework for High-Performance Wi-Fi Roaming, based on Channel State Information                                | RUOQI          | GAO                  | Science Tokyo Regular student  | Graduate student       | M1            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | China       | —       | Oral presentation   |
| 14  | B2-1    | Benchmarking Duplex Speech LLMs for ASEAN-Accented English: Trade-offs Between Speed and Factualty                                                            | Shuen Yuen     | Han                  | International Exchange student | Graduate student       | —             | Takahiro Shinozaki               | —                                 | —                                                                                                                     | Male   | Malaysia    | —       | Oral presentation   |
| 15  | B2-2    | Development of a Wearable Robotic Prosthetic Eye for Natural Bionic Rehabilitation                                                                            | Kennamary      | Kariya               | Science Tokyo Regular student  | Graduate student       | M2            | Professor Toshiyuki Yag          | Sch. of Environment and Society   | Engineering Science and Design / Department of Transdisciplinary Science and Engineering                              | Male   | Laos        | —       | Oral presentation   |
| 16  | B2-3    | Gradient-Based Optimization of mmWave Reflectors for Designated-Region Coverage                                                                               | Cong Minh Hieu | Le                   | Science Tokyo Regular student  | Graduate student       | M2            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | Vietnam     | —       | Oral presentation   |
| 17  | B2-4    | Autonomous Camera Control System for Assisting Robotic Tele-manipulation in Vehicle Decoussaming                                                              | Takumi         | Hasabe               | Science Tokyo Regular student  | Graduate student       | M1            | Satoshi Mura                     | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | Japan       | —       | Oral presentation   |
| 18  | B2-5    | Fundamental study of the inkjet-based reactive additive manufacturing using a bioconformable resin system                                                     | Daki           | Motokida             | Science Tokyo Regular student  | Graduate student       | M2            | Koichi Kato                      | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | Japan       | —       | Oral presentation   |
| 19  | A3-1    | Thermal Conductivity Measurement of 3D-Printed Carbon-Based Materials Using Time-Domain Thermoreflectance                                                     | Mariana        | Spambano De Lorenzi  | International Exchange student | Research student       | —             | Professors Fushinobu and Kim     | —                                 | —                                                                                                                     | Female | Brazil      | —       | Oral presentation   |
| 20  | A3-2    | Characterization of Vehicular Targets and Modeling with Multiple Scattering Centers for Integrated Sensing and Communication Systems                          | Karthik        | Subhash Jayasee      | Science Tokyo Regular student  | Graduate student       | D2            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | India       | —       | Oral presentation   |
| 21  | A3-3    | The application of layered hydrogen silicane as self-responsive hydrogen sensor                                                                               | Hirata         | Yuki                 | Science Tokyo Regular student  | Graduate student       | M2            | Masahiro Miyazaki                | Sch. of Materials and Chem. Tech. | Energy Science and Informatics / Department of Materials Science and Engineering                                      | Male   | Japan       | —       | Oral presentation   |
| 22  | A3-4    | Analysis of internal flow dynamics in inkjet coatings using method of optical coherence tomography                                                            | Yoya           | Fujihira             | Science Tokyo Regular student  | Graduate student       | M2            | Koichi Kato, Yoshihiro Harada    | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | Japan       | —       | Oral presentation   |
| 23  | B3-1    | Study on synthesis and characterization of manganese-based electrode materials for lithium-ion batteries                                                      | YONGQI         | SHIH                 | International Exchange student | Graduate student       | —             | Hajime Arai                      | —                                 | —                                                                                                                     | Male   | Taiwan      | —       | Oral presentation   |
| 24  | B3-2    | Towards Transfer-Free van der Waals Heterostructures by Multi-Channel PVD for Next-Generation Transistors and Memory Devices                                  | Hikaru         | Kondo                | Science Tokyo Regular student  | Graduate student       | M1            | Yuki Hirata                      | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | Japan       | —       | Oral presentation   |
| 25  | B3-3    | Effective Banding Modul in h-BN and Graphene                                                                                                                  | XIAOLONG       | WEI                  | Science Tokyo Regular student  | Graduate student       | M1            | LEI XIAOWEN                      | Sch. of Materials and Chem. Tech. | Materials Science and Engineering / Department of Materials Science and Engineering                                   | Male   | China       | —       | Oral presentation   |
| 26  | B3-4    | Acid resistance of alkali-activated materials Applied to Anode Coatings for Cathodic Protection                                                               | Kosuke         | Fujimoto             | Science Tokyo Regular student  | Graduate student       | D1            | Mitsuyasu Iwanami                | Sch. of Environment and Society   | Civil Engineering / Department of Civil and Environmental Engineering                                                 | Female | Japan       | —       | Oral presentation   |
| 27  | A4-1    | Surface-modified mica nanosheet for enhanced anticorrosive and antibiofouling epoxy composite coating                                                         | John Loi       | Tada                 | International Exchange student | Graduate student       | —             | Prof. Eij Tada                   | —                                 | —                                                                                                                     | Male   | Philippines | —       | Oral presentation   |
| 28  | A4-2    | Analysis of the tribological properties in DLC coated surface with biodegradable lubricants                                                                   | SICHENG        | ZHOU                 | Science Tokyo Regular student  | Graduate student       | M1            | Hirata Yuki                      | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | China       | —       | Oral presentation   |
| 29  | A4-3    | Fabrication and Characterization of Transparent Magnetic Culture Substrates for Cell Patterning                                                               | Hayato         | Sato                 | Science Tokyo Regular student  | Graduate student       | M2            | Toshiyuki Yagi                   | Sch. of Engineering               | Human-Computer Science and Biomedical Engineering / Department of Mechanical Engineering                              | Male   | Japan       | —       | Oral presentation   |
| 30  | A4-4    | Biosynthesis of Methanone-Derived 2-Hydroxyalkanoates and Chemical Modification of Their Polymer Side Chains                                                  | CHEN           | CHUANQING            | Science Tokyo Regular student  | Graduate student       | D2            | Takahiro Tsuge                   | Sch. of Materials and Chem. Tech. | Major in Science and Technology for Health Care and Medicine / Department of Materials Science and Engineering        | Female | China       | —       | Oral presentation   |
| 31  | B4-1    | An Analysis of an Organ-inspired Semi-Rigid Space Manipulator                                                                                                 | Yiya           | WANG                 | International Exchange student | Graduate student       | —             | Hiraku Sakamoto                  | —                                 | —                                                                                                                     | Female | China       | —       | Oral presentation   |
| 32  | B4-2    | Development of Thermal Metrology for Solder Joint Crack Detection in MLCs                                                                                     | SAO            | IMODA                | Science Tokyo Regular student  | Graduate student       | M2            | Kazuyoshi Fushinobu              | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Female | Japan       | —       | Oral presentation   |
| 33  | B4-3    | Effect of Pore Water Pressure Development on the Flexural Strength of Mortar under High Water Pressure                                                        | Yuta           | Igarashi             | Science Tokyo Regular student  | Graduate student       | D1            | Mitsuyasu Iwanami                | Sch. of Environment and Society   | Civil Engineering / Department of Civil and Environmental Engineering                                                 | Male   | Japan       | —       | Oral presentation   |
| 34  | B4-4    | Permeability and Pore Connectivity in Earth Analogues                                                                                                         | Yunzhi         | Chen                 | Science Tokyo Regular student  | Graduate student       | M2            | Jones Kilduff                    | Sch. of Engineering               | Industrial Engineering and Economics / Department of Industrial Engineering and Economics                             | Female | China       | —       | Oral presentation   |
| 35  | A5-1    | Experimental Hydrodynamic Evaluation of Manufacturing Induced Discrepancies in Penguin-Inspired 3D-Printed Wing Models                                        | Maverick       | Sakrage              | International Exchange student | Research student       | —             | Associate Professor Hideo Tanaka | —                                 | —                                                                                                                     | Male   | Sri Lanka   | —       | Oral presentation   |
| 36  | A5-2    | Elementary School Timetable Optimization for Reducing Schoolbag Weight                                                                                        | Dacht          | Yokota               | Science Tokyo Regular student  | Graduate student       | M1            | Ken Kobayashi                    | Sch. of Engineering               | Industrial Engineering and Economics / Department of Industrial Engineering and Economics                             | Male   | Japan       | —       | Oral presentation   |
| 37  | A5-3    | Impact of Site Application on Building Damage during the 2023 Türkiye-Syria Earthquake                                                                        | Oro            | Towa                 | Science Tokyo Regular student  | Graduate student       | D1            | Seij Tanno                       | Sch. of Environment and Society   | Earthquake Engineering / Department of Architecture and Building Engineering                                          | Male   | Japan       | —       | Oral presentation   |
| 38  | A5-4    | Serious Injury Prediction in Motor Vehicle Crashes: A Nonlinear Machine-Model Approach Using Trainable B-spline Functions                                     | Yamini         | Mai                  | Science Tokyo Regular student  | Graduate student       | D3            | Yusuke Miyazaki                  | Sch. of Engineering               | Systems and Control Engineering / Department of Systems and Control Engineering                                       | Male   | China       | —       | Oral presentation   |
| 39  | B5-1    | Development of an Organ Antenna Deployment Mechanism Accommodating Substrate Thickness for Nanosatellites                                                     | Ivan Rohan     | Quesant              | International Exchange student | Graduate student       | —             | Hiraku Sakamoto                  | —                                 | —                                                                                                                     | Male   | Philippines | —       | Oral presentation   |
| 40  | B5-2    | Baseline Evaluation of Vapor Chamber Heat Spreading Performance for Automotive ECU Thermal Management                                                         | YIFEI          | MA                   | Science Tokyo Regular student  | Graduate student       | M1            | FUSHINOBU Kazuyoshi              | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | China       | —       | Oral presentation   |
| 41  | B5-3    | Advanced Synthesis of MoS <sub>2</sub> -Type van der Waals Heterostructures via MC-SAP for Atomic-Layer Transistor Applications                               | GAO            | ZUEN                 | Science Tokyo Regular student  | Graduate student       | D1            | Hirata Yuki                      | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | China       | —       | Oral presentation   |
| 42  | B5-4    | Evaluation of the Relationship Between Refractory Dissolved Organic Matter and CO <sub>2</sub> in Degraded Lakes of Japan                                     | Sha            | OKUMURA              | Science Tokyo Regular student  | Graduate student       | M1            | Manabu Fuji                      | Sch. of Engineering               | Civil Engineering / Civil Engineering                                                                                 | Female | Japan       | —       | Oral presentation   |
| 43  | A6-1    | Scenario Analysis of Municipal Solid Waste Management in Indonesia (Comparing Landfills, RDF, and Waste-to-Energy systems)                                    | ANGGI          | WACHSANI DALIMUNTHIR | International Exchange student | Graduate student       | —             | Dr. Fumitaka Takahashi           | —                                 | —                                                                                                                     | Female | Indonesia   | —       | Oral presentation   |
| 44  | A6-2    | Environmental Drying, Tensile Stress, and Soil Cracking: Challenges for Earth Structures and Infrastructure Resilience                                        | Irshad         | Hussain              | Science Tokyo Regular student  | Graduate student       | D1            | Mai Sawada                       | Sch. of Environment and Society   | Civil Engineering / Department of Civil and Environmental Engineering                                                 | Male   | Pakistan    | —       | Oral presentation   |
| 45  | A6-3    | Parameter Analysis of Agent-Based Model for Cooperative Behavior Evolution                                                                                    | CHEN           | ZHAOYU               | Science Tokyo Regular student  | Graduate student       | D1            | Takayasu Wakayama                | Sch. of Environment and Society   | Energy Science and Informatics / TSE                                                                                  | Male   | China       | —       | Oral presentation   |
| 46  | A6-4    | Treatment of Wastewater Containing Tetracycline Using Duckweed                                                                                                | Jurpei         | Kono                 | Science Tokyo Regular student  | Graduate student       | M2            | Eguchi Ryoichi                   | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Transdisciplinary Science and Engineering               | Male   | Japan       | —       | Oral presentation   |
| 47  | B6-1    | Nitrogen Concentration Screening for Autotrophic and Heterotrophic Polyhydroxyalkanoates Copolymer Production by Recombinant <i>Ralstonia eutropha</i> Strain | Ishmet         | Saidwani             | International Exchange student | Graduate student       | —             | Prof. Takeharu Tsuge             | —                                 | —                                                                                                                     | Male   | India       | —       | Oral presentation   |
| 48  | B6-2    | Impact of Member Damage on Global Performance of Reinforced Concrete Structures Using Frame Analysis with Element Fracture                                    | Kohai          | Shiwada              | Science Tokyo Regular student  | Graduate student       | D1            | Nobuhiko Chigawa                 | Sch. of Environment and Society   | Civil Engineering / Department of Civil and Environmental Engineering                                                 | Male   | Japan       | —       | Oral presentation   |
| 49  | B6-3    | Degradation Behavior of Perfluorooctanesulfonic Acid (PFHxS) by Plasma Treatment Using Natural Waters                                                         | Miyata         | MASAKI               | Science Tokyo Regular student  | Graduate student       | M2            | Fuji Manabu                      | Sch. of Environment and Society   | Civil Engineering / Faculty of Environmental and Social Engineering                                                   | Male   | Japan       | —       | Oral presentation   |
| 50  | B6-4    | Passive Channel Estimation on the Airport Surface                                                                                                             | Liorato        | ARIAS                | Science Tokyo Regular student  | Graduate student       | M2            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | El Salvador | —       | Oral presentation   |
| 51  | P1-1    | Teleoperation Support for Pouring Work Using Visualization of Predicted Liquid Falling Position                                                               | Fumiyu         | Koto                 | Science Tokyo Regular student  | Graduate student       | M2            | Satoshi Mura                     | Sch. of Engineering               | Mechanical Engineering / Department of Mechanical Engineering                                                         | Male   | Japan       | —       | Oral presentation   |
| 52  | P1-2    | Simulation and Analysis of FMCW Radar Gesture Recognition                                                                                                     | NODANO         | ZHANG                | Science Tokyo Regular student  | Graduate student       | M2            | Nogohon                          | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | China       | —       | Poster presentation |
| 53  | P1-3    | Biological and Mechanical Properties of Hybrid Triply Periodic Minimal Surfaces (TPMS)                                                                        | Muyet          | Aljbe                | Science Tokyo Regular student  | Graduate student       | D2            | Katsuko Furukawa                 | Sch. of Engineering               | Science and Technology for Health Care and Medicine / Department of Mechanical Engineering                            | Male   | Philippines | —       | Poster presentation |
| 54  | P1-4    | Study on Oxygen Plasma Behavior in Magnetron Sputtering Device by OES Measurement                                                                             | Yen Hsu        | Li                   | International Exchange student | Research student       | —             | Hiroshi Matsumoto                | —                                 | —                                                                                                                     | Male   | Taiwan      | —       | Poster presentation |
| 55  | P1-5    | Simulation-based Study of mmWave Non-contact Vital Signs Detection Using Realistic 3D Human Chest Motion Models                                               | Nancong        | Ren                  | Science Tokyo Regular student  | Graduate student       | M2            | Jun-ichi Takada                  | Sch. of Environment and Society   | Global Engineering for Development, Environment and Society / Department of Transdisciplinary Science and Engineering | Male   | China       | —       | Poster presentation |
| 56  | P1-6    | Functional Evaluation of Multifunctional Protein Nanoparticles for Transdermal                                                                                | Haruyuki       | Baru                 | Science Tokyo Regular student  | Graduate student       | M2            | Matsuyasu Miki                   | Sch. of Life Science and Tech.    | Life Science and Technology / Department of Life Science and Technology                                               | Female | South Korea | —       | Poster presentation |