



# International Seminar on Materials Science in 2022

## ~ SDGs Seminar 2022 Autumn ~



### DAY0 September 26(Mon)

(Japan Time)

15:00~ Ice Breaking (Self introduction, Participants)

### DAY1 September 27(Tue)

(Japan Time)

14:30~ Greeting from Dean, Prof. Seiji Suga, School of Engineering, Okayama University, Japan

14:35~ Greeting from Prof. Katsuyoshi Kondoh, Executive Assistants to the President (Diversity and Inclusion Office) Osaka University, Japan

14:40~ Greeting from Academic Director, Dr. Nor Bahiyah Omar, INTEC Education College, Malaysia

\* Commemorative photo (Screen Shot) and Break

14:45~ Prof. Junko Umeda, Joining and Welding Research Institute, Osaka University, Japan

「Scientific Research contributing to the SDGs: Utilization of High-Purity Amorphous Silica Originated in Rice Husks as Biomass Resource」

15:15~ Assoc. Prof. Xiao Fan, Zhejiang University of Technology, P. R. China  
「Titania Coating for Implants」

15:45~15:55 Break

15:55~ Ms. Huang Chenxiao, Zhejiang University of Technology, P. R. China  
「In situ Fabrication of NIR-II Responsive TiO<sub>2</sub> for Photothermal Antibacterial Therapy」

16:10~ Ms. Zexi Wu, Division of Materials and Manufacturing Science, Graduate school of Engineering, Osaka University, Japan  
「Application of Friction Stir Welding to Steel」

16:25~ Short Talk, Project Prof. Akiyoshi Osaka, Okayama University, JAPAN  
「Materials Science and Serendipity」

16:45~ Closing Address, Ms. Kunika Uehara, Osaka University

**Organized by** School of Engineering, Okayama University

**Sponsored by** Gender Equality Office, Organization for Diversity Management, Okayama University

**Supported by** Woman Technical Staff Network, Osaka University  
Joining and Welding Research Institute, Osaka University  
Center for Diversity and Inclusion, Osaka University  
Okayama University SDGs Promotion Headquarters



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DAY2 September 28 (Wed)  
(Japan Time)

\* Commemorative photo (Screen Shot)

- 14:30~ Dr. Chiyu Nakano (Sci-tech Coordinator), Advanced Science Research Center, Okayama University, Japan  
「A New Role of Technical Staff on The University ; As "Sci-tech Coordinator"」
- 15:00~ Project Assoc. Prof. Yuki Nakamoto, Graduate School of Engineering Science, Osaka University, Japan  
「The Development of High – pressure Generator」
- 15:20~ Asst. Prof. Togo Shinonaga, Faculty of National Science and Technology, Okayama University, Japan  
「High Functionalization of Material Surface by High Energy Density Beam Processing」

15:40~15:50 Break

- 15:50~ Presentation from INTEC Education College students(1<sup>st</sup> Grade), Malaysia
- 16:20~ Presentation from SDGs Ambassador(Graduate and Undergraduate Univ. students, IECOU) of Okayama University, Japan  
「Let`s Make Artificial Salmon Egg!」
- 16:50~ Presentation from Sekolah Menengah Sains Teluk Intan (Junior high school 2<sup>nd</sup> Grade) students, Malaysia
- 17:05~ Short Talk, Mr. Abdul Halim Bin Mamat, INTEC Education College, Malaysia  
「Advantages of Multilanguage」
- 17:15~ Closing Address, Ms. Yuri Nakamura, Okayama University, Japan

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