

Welcome to ASW2022!!  
Thanks for attending !



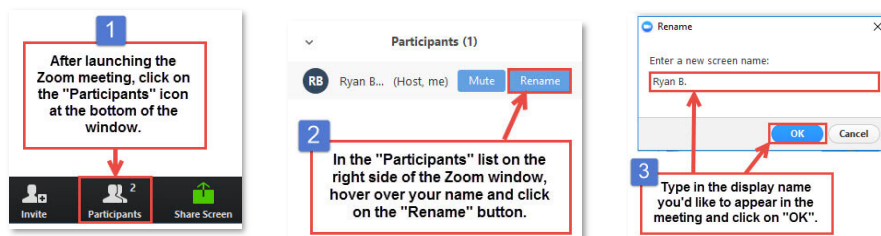
## Announcements

### 1) Name: Please include your registration number in 3 or 4 digits

Ex) **100** Kazuki Nakamura

-Name display can be changed by right-clicking and “Rename”.  
As shown below.

-The registration number is shown in “**list of group members**”

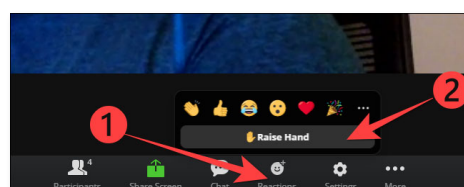


### 2) Microphone: Please turn off except when you speak something.

### 3) Question, discussions: Please use “Raise Hand” button

-The raise hand button is in “reactions” located in the bottom of the display. As shown bellow.

-After chairperson calls on you, please **turn on** your microphone and make discussions.



# Schedule of ASW2022

**March 7, 14:00** Japanese Standard Time (JST)

Opening Ceremony, ASW Symposium  
(Lectures from professors)

**March 8, 14:00 JST**

14:00- Explanation of group work  
(Making groups, self-introduction, discussion of the theme)  
16:00- ASW Symposium -Student session-  
(Presentations from attended students)

**March 9, 14:00-17:00 JST (at least 2 hours)**

Group work: The participant students will make small groups and have discussions on certain topic.

**March 10, 14:00-17:00 JST (at least 2 hours)**

Group work: The participant students will prepare the presentation.

**March 11, 14:00 JST**

Final Presentation, Closing Ceremony  
-Each group give 10-min presentation



## ASW Symposium, March 7th

**14:00~14:10** Opening remarks

Prof. Yoko Mizokami

CHAIR: Prof. Yoko Mizokami

**14:10~14:50** Invited Lecture 1

Prof. Takahiko Horiuchi (Chiba University, Japan)  
SHITSUKAN analysis : gloss measurement and gloss perception

**14:50~15:30** Invited Lecture 2

Prof. Pichayada Katemek (Chulalongkorn University, Thailand)  
Lighting for well being and identification

**15:30~16:10** Invited Lecture 3

Prof. Mitsuo Ikeda (RMUTT, Thailand)  
Simultaneous brightness contrast obtained by two different stimuli; paper and space

**Taking Photograph !!**

----Break----

CHAIR: Prof. Shigeru Takahara

**16:20~17:00** Invited Lecture 4

Prof. Vannajan Sanghiran Lee (University of Malaysia, Malaysia)  
Computational protein design on Ankyrin for Dengue Virus II from MD Simulations

**17:00~17:40** Invited Lecture 5

Prof. Dr. Nergis ARSU (Yıldız Teknik Üniversitesi, Turkey)  
In-situ fabrication of nanocomposite thin films by photochemical method and applications

**17:40~18:00** Explanation of the workshop

Prof. Kazuki Nakamura

# March 8th

14:00~14:10 Explanation of the schedule Prof. Kazuki Nakamura

## 14:15~15:45 Preparation of Group Work

- Splitting attendees into 10 groups,
- Move into the breakout rooms of your group No..
- Self introduction
- Practice of using Miro application
- Selecting one discussion topic from Sustainable Development Goals

## 16:00~ ASW symposium -Student session-

### --Room A (Information, Imaging, color and printing)

HCMUTE, UIT, Siam Univ., SSRU, RMUTT, Chulalongkorn Univ.  
Chiba Univ.: Mizokami lab., Tsumura lab., Imaizumi lab.

### --Room B (Chemistry and Physics)

ITU, YTU, HCMUT, RUPP, MU  
Chiba Univ.: Hoshino Lab., Kobayashi Lab.

## Group work on Mar. 8-10

### Discussion on Sustainable Development Goals : SDGs

Attendees work in groups of 10.

Please check your group number and name of staff !!

Group 1, 2: Prof. Shigeru Takahara  
Mr. Atsushi Wada

Group 3, 4: Prof. Satoru Tsukada  
Ms. Tomoko Sakai

Group 5, 6: Prof. Norimichi Tsumura  
Prof. Hiromi Sato

Group 7, 8: Prof. Yoko Mizokami  
Prof. Noriko Yata

Group 9,  
10: Prof. Kien NGUYEN  
Prof. Nobuyoshi Komuro  
Mr. Seiichi Kobayashi





# Group work on Mar. 8-10

## Discussion on Sustainable Development Goals : SDGs

How to proceed the discussion (just example!)

- 1) Select one topic from 17 SDGs.
- 2) Introduce activities for the selected topic of SDGs in your country and University
  - Introduce the activities and discuss cultural differences
- 3) Discuss on new ideas and products that contribute to the selected topic of the SDGs.
  - Discuss new ideas based on your interests, majors, and scientific background.
- 4) Summarize the discussion and prepare 10-min presentation.
- 5) Give the presentation from each group on March 11.



## 17 Sustainable Development Goals : SDGs



# 17 Sustainable Development Goals : SDGs

## List of SDGs :

|   |                     |
|---|---------------------|
| <b>No poverty</b>                             | 貧困をなくそう             |
| <b>Zero hunger</b>                            | 飢餓をゼロに              |
| <b>Good health and well-being</b>             | すべての人に健康と福祉を        |
| <b>Quality education</b>                      | 質の高い教育をみんなに         |
| <b>Gender equality</b>                        | ジェンダー平等を実現しよう       |
| <b>Clean water and sanitation</b>             | 安全な水とトイレを世界中に       |
| <b>Affordable and clean energy</b>            | エネルギーをみんなに そしてクリーンに |
| <b>Decent work and economic growth</b>        | 働きがいも経済成長も          |
| <b>Industry, innovation, infrastructure</b>   | 産業と技術革新の基盤をつくろう     |
| <b>Reduced inequalities</b>                   | 人や国の不平等をなくそう        |
| <b>Sustainable cities and communities</b>     | 住み続けられるまちづくりを       |
| <b>Responsible consumption, production</b>    | つくる責任 つかう責任         |
| <b>Climate action</b>                         | 気候変動に具体的な対策を        |
| <b>Life below water</b>                       | 海の豊かさを守ろう           |
| <b>Life on land</b>                           | 陸の豊かさも守ろう           |
| <b>Peace, justice and strong institutions</b> | 平和と公正をすべての人に        |
| <b>Partnerships for the goals</b>             | パートナーシップで目標を達成しよう   |

## Online applications we use

Website of the ASW

[https://www.tp.chiba-u.jp/asw/html/html\\_en/index.html#3](https://www.tp.chiba-u.jp/asw/html/html_en/index.html#3)

### Zoom

- Online communication using voice and camera
- 10 breakout rooms will be prepared in this zoom meeting
- Each group can use one room
- Brief manual of Zoom

[https://www.tp.chiba-u.jp/asw/html/html\\_en/manual\\_zoom\\_en.pdf](https://www.tp.chiba-u.jp/asw/html/html_en/manual_zoom_en.pdf)

### Miro

- Online whiteboard application
- Group members can do corroborative work using Miro
- 2 groups will use one large whiteboard
- Brief manual of Miro

[https://www.tp.chiba-u.jp/asw/html/html\\_en/manual\\_miro\\_en.pdf](https://www.tp.chiba-u.jp/asw/html/html_en/manual_miro_en.pdf)

# ASW Symposium –Student session- on Mar. 8

## Room A (Information, Imaging, color and printing)

HCMUTE, UIT, Siam Univ., SSRU, RMUTT, Chulalongkorn Univ.  
Chiba Univ.: Mizokami lab., Tsumura lab., Imaizumi lab.

### CHAIR: Prof. Hitomi Sato

- A-1** 16:00~16:10 Phubet Chitapanya (RMUTT)  
Color appearance under multicolor LEDs
- A-2** 16:10~16:20 Janejira Mepean (RMUTT)  
Device dependency investigated by Simultaneous color contrast
- A-3** 16:20~16:30 Koichi Ashida (Chiba Univ.)  
Analysis of Differences between Skilled and Novice Subjects for Visual Inspection by Using Eye Trackers
- A-4** 16:30~16:40 Kazuki Iwata (Chiba Univ.)  
Parameter Estimation of Structural Color and Reproduction Using Spectral Projector
- A-5** 16:40~16:50 Yuka Onozaki (Chiba Univ.)  
Color difference of color vision deficiency based on cone sensitivity-shift model

# ASW Symposium –Student session- on Mar. 8

## Room B (Chemistry and Physics)

ITU, YTU, HCMUT, RUPP, MU  
Chiba Univ.: Hoshino Lab., Kobayashi Lab.

### CHAIR: Prof. Satoru Tsukada

- B-1** 16:00~16:10 Tugba Celiker (Istanbul Technical Univ.)  
Photo induced Step-growth polymerization
- B-2** 16:10~16:20 Zeynep Deliballi (Istanbul Technical Univ.)  
Thermal and photochemical ring opening polymerization of benzoxazines
- B-3** 16:20~16:30 Hüseyin Miraç Dizman (Yıldız Technical Univ.)  
High sensitivity colorimetric determination of L-cysteine using gold nanoparticles functionalized graphene oxide prepared by photochemical reduction method
- B-4** 16:30~16:40 Necmettin Samet Dalga (Yıldız Technical Univ.)  
Photochemical Synthesis of Super Absorbent Polymers Using Diazo Resin
- B-5** 16:40~16:50 Ezgi Nur Balcı and Nergis Güler (Yıldız Technical Univ.)  
Synthesis of Thioxanthone Based Initiator and Investigation of Photoinitiation Efficiency of Polymerization of Acrylates and Methacrylates
- B-6** 16:50~17:00 Melisa Konar (Yıldız Technical Univ.)  
The investigation of steady-state and excited-state interaction of various Thioxanthone derivatives with solvents
- B-7** 17:00~17:10 Nana Hitomi (Chiba Univ.)  
Hybridization of DNA and water-soluble Eu(III) complex with a helical ligand and their photophysical properties.
- B-8** 17:10~17:20 Mayu Suzuki (Chiba Univ.)  
Evaluation of Ag Deposition Potential and Optical Properties in Ag deposition-based Electrochromic Devices
- B-9** 17:20~17:30 Keita Ando (Chiba Univ.)  
Triboelectrification behavior of polyester films doped with titanium oxides
- B-10** 17:30~17:40 Kazuki Kuroda (Chiba Univ.)  
Effect of aging time on the gold-like lustrous 3-methoxythiophene oligomer film properties

# March 9-11

## March 9: Group Work

14:00-17:00 (the discussion time can be determined by each group)  
At least 2 hours in each group.  
Using Zoom and Miro applications

## March 10: Group Work

14:00-17:00 (the discussion time can be determined by each group)  
At least 2 hours in each group.  
Using Zoom and Miro applications

-Preparation of 10-min presentation from each group.

## March 11: Final Presentation, Closing Ceremony

**CHAIR: Prof. Kien Nguyen**

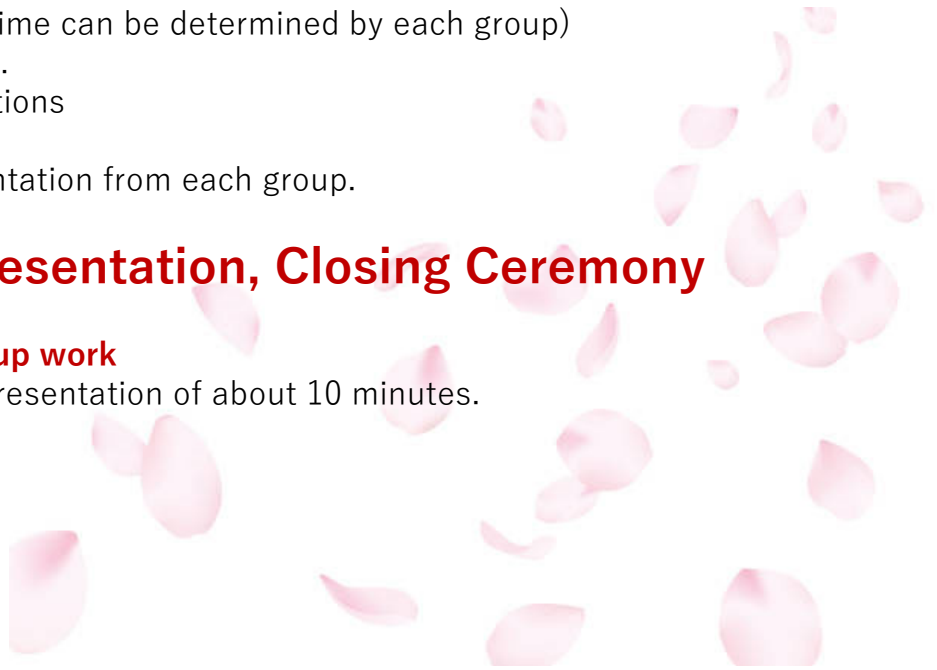
**14:00~ Presentations of group work**

-Each group will give a presentation of about 10 minutes.

About 16:00- Closing remarks

Prof. Kazuki Nakamura

**Taking photograph**



*Let's Start  
Fruitful Discussions!!*

