

**2017 2nd International Conference on Functional Materials and Steel  
(ICFMS 2017)**

**September 3-5, 2017**

**Tokyo, Japan**

Setagaya Campus, Kokushikan University

Add: Setagaya, Setagaya-ku, Tokyo 4-28-1

アドレス：日本東京都世田谷区世田谷 4-28-1 【国士舘大学、世田谷キャンパス】

# Instructions

## Registration Guide

Arrive at the Conference Venue→Inform the conference staff your paper ID→Sign your name on the Participants List→Check your conference materials.

## Checklist:

1 receipt, 1 name card, 1 conference program, 1 lunch coupon, 1 dinner coupon, 1 USB (papers collection), 1 computer bag

## Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

## Materials Provided by the Presenters:

PowerPoint or PDF files

## Duration of each Presentation (Tentatively):

Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A

## Notice:

\*Certificate of Listener can be collected in front of the registration counter.

\*Certificate of Presenter can be collected from the session chair after each session.

\*The organizer will not provide accommodation, so we suggest you make an early reservation.

\*One best presentation will be selected from each session. The best one will be announced when each session ends, and will be awarded by the session chair after each session in the meeting room.

## Contact Us:

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# Welcome Letter

Dear Participants,

Welcome to 2017 Tokyo Conference! The objective of 2017 Tokyo Conference is to provide a premium platform to bring together researchers, scientists, engineers, academics and graduate students to share up-to-date research results.

We are confident that during this time you will get the theoretical grounding, practical knowledge, and personal contacts that will help you build a long-term, profitable and sustainable communication among researchers and practitioners in the related scientific areas.

We wish to express our thanks to our distinguished speakers, Prof. Takahiro Ohashi, Prof. Hisaki Watari, Prof. Muhammad Yahaya, Prof. Dr. Sinin Hamdan, Dr. Atsushi SUMIDA, Prof. Hui-Mi Hsu, Prof. Hajime Hirao, Prof. D. Shanmugasundaram, Prof. So Nagashima, Dr. Mohd Hasmizam Razali, Prof. Numan Abdullah Salah and other distinguished scholars for sharing their deep insights on future challenges and trends in the fields of engineering and innovative materials.

Special thanks to our committee members, all the reviewers, researchers and students who participate in the conference.

Hope you could enjoy the conference and have an unforgettable experience in Tokyo!

**Conference Organizing Committee**

# Agenda Overview

## Sunday September 3

**Registration (Lounge on the ground floor of the building 34) .....10:00-17:00**

**A301, A308, A309, B301, B302 on the third floor of the building 34.**

**Coffee Break, Lunch, Dinner on the 10th floor of the building 34.**

## Monday September 4

**Opening Remark 1 (B301) .....9:00-9:05**

**Prof. Muhammad Yahaya**

**The National University of Malaysia, Malaysia**

**Opening Remark 2 (B301) .....9:05-9:10**

**Prof. Dr. Kei-ichi SATOH**

**President of Kokushikan University, Japan**

**Opening Remark 3 (B301) .....9:10-9:15**

**Prof. /Dr. Yoshio NIKAWA**

**Dean of School of Science and Engineering, Kokushikan University, Japan**

**Opening Remark 4 (B301) .....9:15-9:20**

**Prof. Takahiro Ohashi**

**Kokushikan University, Japan**

**Speaker 1 (B301) .....9:20-10:00**



**Prof. Takahiro Ohashi**

**Kokushikan University, Japan**

**Multi-Point Die Support System for Large Deep Drawings: Development of Manufacturing**

**Technology Endowed with a High Affinity to Information Technology**

**Group Photo and Coffee Break (Foyer) .....10:00-10:25**

**Speaker 2 (B301) .....10:25-11:05**



**Prof. Hisaki Watari**

**Tokyo Denki University, Japan**

**Application of TRC High Aluminum Content Magnesium Alloys for Hot Forging**

**Speaker 3 (B301) .....11:05-11:45**



**Prof. Muhammad Yahaya**

**The National University of Malaysia, Malaysia**

**Nanostructured Material for Optical Gas Sensing Devices**

**Speaker 4 (B301) .....11:45-12:25**



**Prof. Dr. Sinin Hamdan**

**Universiti Malaysia Sarawak, Malaysia**

**Wonderful work with wood**

**Lunch (Restaurant) .....12:25-13:30**

**Speaker 5 (B301) .....13:30-14:10**

**Dr. Atsushi SUMIDA**

**President of Monjyu Technical & Medical Laboratories**

**Deputy Director of Technical and Development, Japan Reinforced Plastics Society, Japan**

**Advanced Composite Materials, Past and Future**

**Speaker 6 (B301) .....14:10-14:40**



**Prof Hajime Hirao**

**City University of Hong Kong, Hong Kong, China**

**Computationally Looking into Complex Metal-Organic Frameworks and Other Systems**

**Speaker 7 (B302) .....14:10-14:40**



**Prof. Hui-Mi Hsu**

**National Dong Hua University, Taiwan**

**Large Scale Experiments on Materials Deterioration of RC Specimens**

**Speaker 8 (A301) .....14:10-14:25**



**Prof. D. Shanmugasundaram**

**Muthayammal College of Engineering, India**

**Analysis of Factors Influencing Wear Behaviour of Alumina Coated Low Carbon P/M Steels**

**Speaker 9 (A 308) .....14:10-14:25**



**Prof. So Nagashima**

**Osaka University, Japan**

**Surface morphological changes of a film-substrate system due to water**

**Speaker 10 (A309) .....14:10-14:25**



**Dr. Mohd Hasmizam Razali**

**Universiti Malaysia Terengganu, Malaysia**

**3-Dimensional Nanostructured Materials: Gellam Gum Incorporated TiO<sub>2</sub> Nanoparticles Scaffold  
for Photocatalyst and Biomedical Applications**

**Speaker 11 (A301) .....14:25-14:40**



**Prof. Numan Abdullah Salah**

**King Abdulaziz University, Saudi Arabia**

**Carbon Rich Fly Ash: Its Nanostructures & Potential Applications**

# Parallel Sessions

<b>14:40-16:40</b>	<b>Session 1</b>	<b>Energy and Chemical Engineering</b>	<b>B 301</b>
<b>14:40-16:40</b>	<b>Session 2</b>	<b>Material Processing and Forming</b>	<b>B 302</b>
<b>14:40-16:40</b>	<b>Session 3</b>	<b>Material Mechanics and Engineering Mechanics</b>	<b>A 301</b>
<b>14:40-16:40</b>	<b>Session 4</b>	<b>Polymer</b>	<b>A 308</b>
<b>14:40-16:40</b>	<b>Session 5</b>	<b>Building Materials</b>	<b>A 309</b>
<b>16:40-16:55</b>	<b>Coffee Break</b>		<b>Foyer</b>
<b>16:55-18:55</b>	<b>Session 6</b>	<b>Materials Chemistry</b>	<b>B 301</b>
<b>16:55-18:55</b>	<b>Session 7</b>	<b>Adsorption Materials and Applications</b>	<b>B 302</b>
<b>16:55-18:55</b>	<b>Session 8</b>	<b>Composites and Materials Physics</b>	<b>A 301</b>
<b>16:55-18:55</b>	<b>Session 9</b>	<b>Mechanical and Manufacturing Engineering</b>	<b>A 308</b>
<b>16:55-18:55</b>	<b>Session 10</b>	<b>Metals and Alloys</b>	<b>A 309</b>
<b>9:00-18:55</b>	<b>Poster Session</b>		<b>B 301</b>

**Dinner (Restaurant) .....18:55-20:30**



## Tuesday September 5

**One Day Tour in Tokyo .....9:00-17:00**

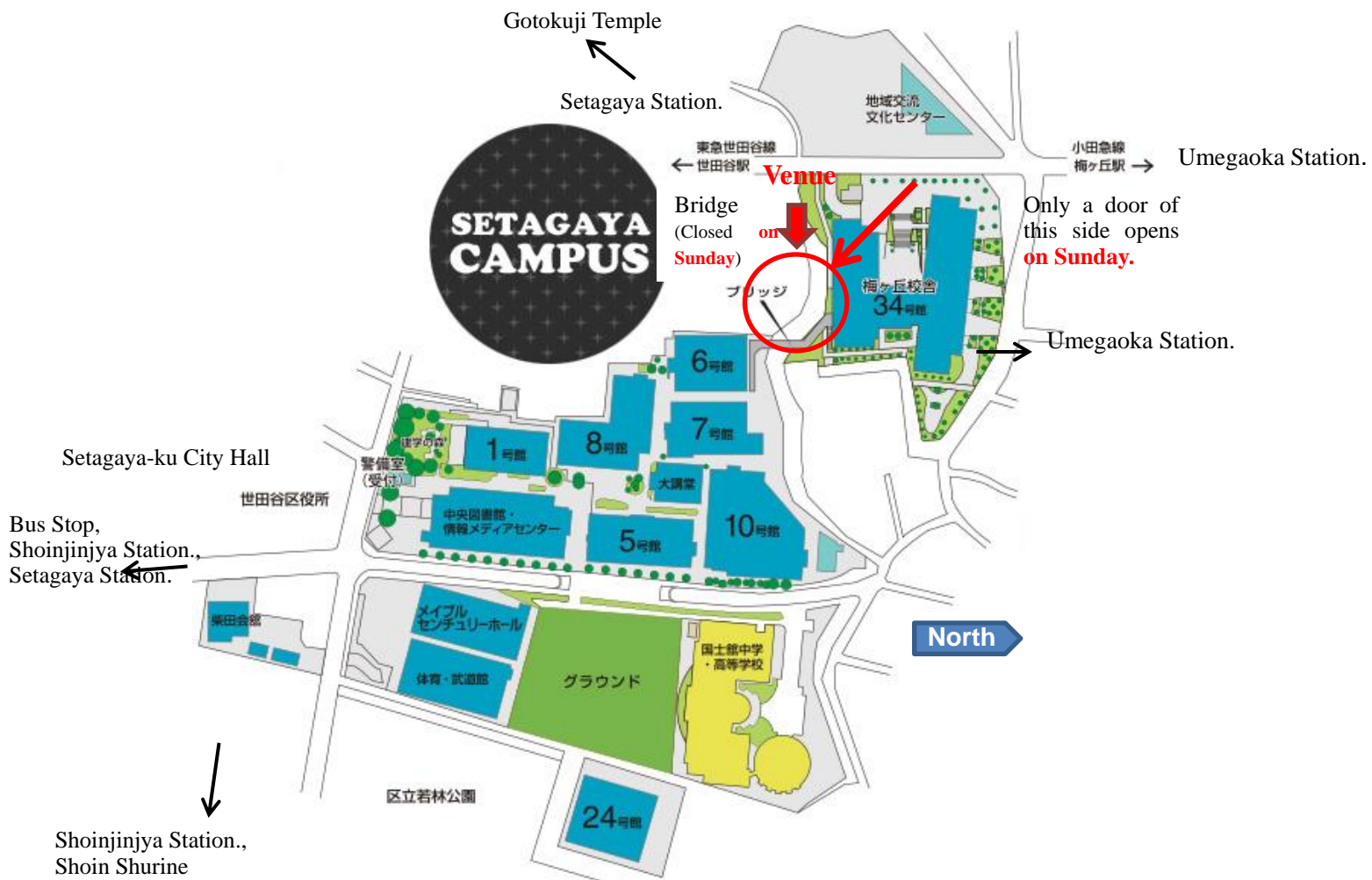
**Considering we need to prepare the tour in advance, onsite registration for tour cannot be acceptable.**

**Factory Visiting .....13:30-17:00**

# Directions to Setagaya Campus, Kokushikan University

## General information:

- Registration Desk and Conference Rooms: 3<sup>rd</sup> floor, Building No.34.
- Coffee Break, Lunch, Dinner: 10<sup>th</sup> floor, Building No.34.
- Meeting point for one-day tour and factory visiting is the lounge on 1st floor of Building No.34.
- Smoking is strictly inhibited in the campus except dedicated smoking areas. Smoking Area: In front of the entrance on the 1st (ground) floor.
- A presenter who is going to prepare laptop by oneself should be asked for paying attention for that the LCD projector in the conference rooms has only a VGA (15pin-Dsub) connector (not HDMI).
- A prepared laser pointer, mic and a computer can be used for the presentation.



# Floor Plan

(3rd floor, Building No.34)

