

Technical Seminar on Aluminum Alloys in Thailand 2023
September 6 – 8, 2023
Venue: Ballroom C, Maruay Garden Hotel, Bangkok, Thailand

The technical seminar on aluminum alloys in Thailand 2023 will be a crucial forum for exchanging breakthrough ideas and experiences among engineers, researchers, scientists and industrialists related to production process including casting and die-casting, sheet ingot and billet casting for wrought aluminum alloys, rolling, extruding, anodizing, forging, heat treatment, joining and sheet metal forming. Design, development and durability assessment of aluminum alloys parts using 3-D Printing and testing of aluminum alloys products are also included. It will provide an opportunity to establish linkage among local staffs and engineers of many companies in Thailand deal with aluminum products, researchers, metallurgists and scientists in Thailand and to promote collaborative research and development projects on material production and testing in the region. Consequently, well understanding, good practices in production and testing will be commended for excellent total quality of products and supply chain as well as improvement competency for sustainable competitiveness.

OBJECTIVES:

Enhancement of technological levels of local staffs and engineers of Japanese affiliated companies in Thailand dealing with aluminum (aluminum industries) and its product (customer companies) in Thailand. Companies other than Japanese-affiliated ones are also welcome.

TARGET PARTICIPANTS:

Approximately 80 participants as follows;

- Local staffs and engineers of Japanese affiliated companies in Thailand deal with aluminum products in Thailand
- International researchers, metallurgists and scientists in Thailand
- Thai participants from both public and private sectors

TOPICS:

Basic and manufacturing technologies on aluminum and aluminum alloys on lecture basis, such as castings and die-castings, wrought alloys (plates, sheets, foils, profiles and forgings), anodizing and fabrication techniques of joining and forming, and testing for durability assessment and its properties.

REGISTRATION FEE:

Free of charge

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EVENT STRUCTURE:

The event will be held during 6-8 September 2023, which consists of the followings

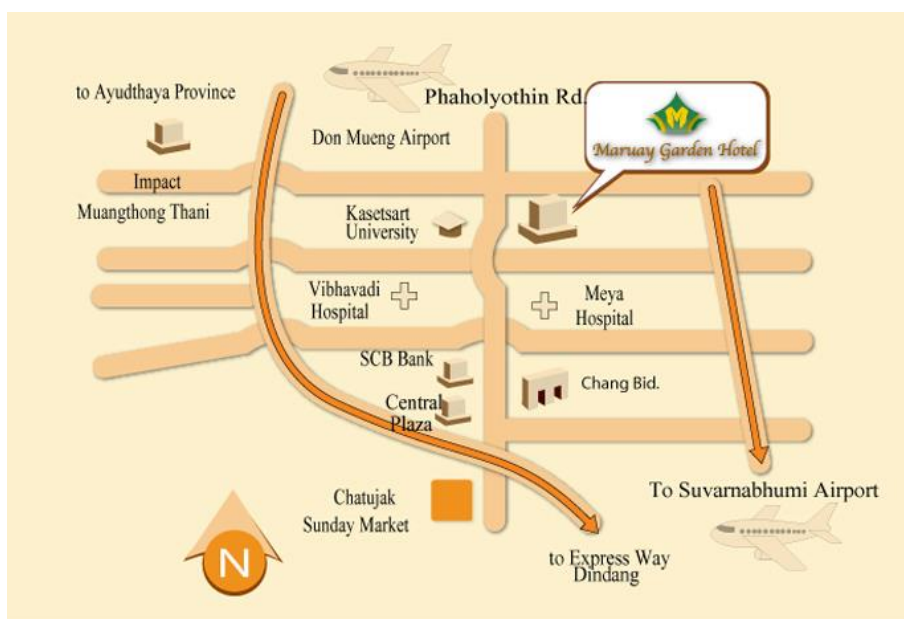
- A. Opening ceremony
- B. Lecture on September 6-7, 2023
- C. Plant visit on September 8, 2023

VENUE:

Maruay Garden Hotel

1 Phahonyothin Road,
Sena Nikhom,
Chatuchak,
Bangkok 10900,
Thailand

- Public transportation: BTS Kasetsart University Station – Exit 3
- BTS station is just five minutes' walk from the hotel
- 30 minutes to Subanabhumi airport
- 15 minutes to Don Mueang airport



LANGUAGE:

Handouts: English

Oral: Japanese (Interprete into Thai), English (Interprete into Thai), and Thai

For further inquiry, please contact secretariat at prapapan@tistr.or.th

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Agenda
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September 6, 2023	
08:00 – 09:00	Registration
09:00 – 09.30	Opening Ceremony
09:30 – 10:30	Session 1: Aluminum Castings and Die-castings
10:30 – 10:45	Coffee break
10:45 – 11:45	Session 2: Melting, Refining and Continuous Casting of Aluminum Alloys
11:45 – 12:45	Lunch
12:45 – 13:45	Session 3: Rolling of Aluminum Alloys
13:45 – 14.45	Session 4: Aluminum Extrusion and Anodizing
14:45 – 15:00	Coffee break
15:00 – 16.00	Session 5: Forging of Aluminum Alloys
September 7, 2023	
08:00 – 09:00	Registration
09:00 – 10:00	Session 6: Heat Treatment of Wrought and Cast Aluminum Alloys
10:00 – 10:15	Coffee break
10:15 – 11:15	Session 7: Joining of Aluminum Alloys
11:15 – 12:15	Session 8: Sheet Metal Forming of Aluminum Alloys
12:15 – 13:15	Lunch
13:15 – 14.30	Session 9: Additive Manufacturing of Al Alloyed Engineering Components and Structure: Opportunities, Challenges and Potential Applications
14:30 – 14:45	Coffee break
14:45 – 16.00	Session 10: Applications of Advanced SEM for Research and Industrial Problem Analysis
September 8, 2023	
10:00 – 12:00	Plant Visit - Bangkok Can Manufacturing Co., Ltd., Ayutthaya - Almet Thai Co., Ltd., Samutprakarn Remark: Choose one

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