

The 2nd International Symposium on Iron Ore Agglomerates



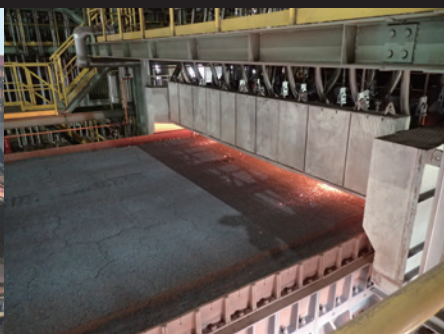
SynOre 2026

October 7-10, 2026

Toyama International Conference Center

Important Dates

Deadline of Abstract Submission	March, 2026
Notification of Acceptance	April, 2026
Deadline of Extended Abstract Submission	June, 2026
Early-bird Registration	July, 2026



Organized by : The Iron and Steel Institute of Japan, ISIJ

Introduction

The conference will provide the opportunity for researchers and engineers in the field of ironmaking to focus on comprehensive and dedicated presentations and discussion regarding the iron ore agglomeration processes and the properties of agglomerates. It will contribute to the advancement of the agglomeration technology vital for high efficiency operation of the blast furnace and also carbon neutrality of ironmaking process.

The first conference of SynOre was successfully convened in 2022 in Matsue City, a typical mythological place, located in the northern region of Western Japan. The second one will be held in Toyama City, located in the Hokuriku Region of northern Chubu in Japan. Due to its position on the Hokuriku Shinkansen, Toyama is a popular stop for tourists on the way to other attractions in the area such as the Tateyama Kurobe Alpine Route. The conference hall is in front of Toyama Castle, and the view of the castle tower from the lobby of the hall is the best.

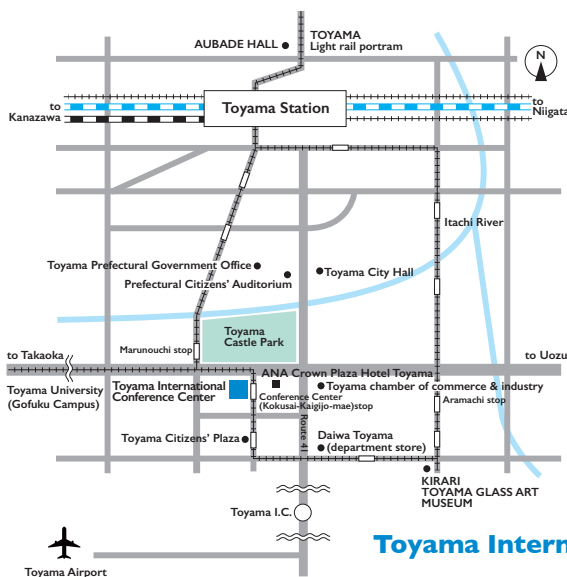
Topics

- 1 **Raw Materials:** ▶ Iron ore resources, Beneficiation technology, Fluxing materials
- 2 **Pre-treatment of Raw Materials:** ▶ Mixing & granulation, Granule design, Charging
- 3 **Sintering Process:** ▶ Agglomeration agents, Ignition technology, Sintering reactions, Bed structure change, Yield & productivity, Exhaust gas treatment
- 4 **Metallurgical Properties of Agglomerates:** ▶ Microstructure, Strength, Reduction disintegration, Reducibility, Softening & melt-down properties, calcium ferrite
- 5 **Carbon neutrality of ironmaking:** ▶ hydrogen reduction of iron ore and agglomerates, agglomeration agent

Tentative Schedule

- 7 October** Registration, Welcome Party, Technical Sessions
- 8 October** Technical Sessions
- 9 October** Technical Sessions
- 10 October** Technical Tour

Conference Venue



Located in the center of Toyama City, it is within walking distance of JR Toyama Station, or about 7 minutes by city tram. If you come by car, underground parking (paid) is convenient.

Access from outside the prefecture is also easy via the Hokuriku Shinkansen and expressways. It is also about 15 minutes by car from Toyama Airport.



Toyama International Conference Center <https://www.ticc.co.jp/english/>

Contact Us

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