

The timetable of the 182nd ISIJ Online Meeting
(September 2-4, 2021)

Session Room	Sept. 2 (Thu.)		Sept. 3 (Fri.)		Sept. 4 (Sat.)	
	AM	PM	AM	PM	AM	PM
Session Room 1	Solidification and structure control / Continuous casting and solidification [1-9] (9:00-12:20)	Reduction and carburization / Lower part of blast furnace [10-18] (13:20-16:40)	Iron ore and sinter / Young engineer session of ironmaking [19-25] (9:00-11:40)	Young engineer session of coke-making 1・2 / Coal and coke [26-34] (13:00-16:40)	Prospective direction of the Japanese steel industry in international trend of steel production (9:10-12:00) [Charge-Free]	Introduction of research topics in novel processing forum / Electromagnetic processing of materials [42-47] (13:00-15:20)
Session Room 2	---	Effective utilization of steelmaking slag as the resource of phosphorus (13:00-17:00) [Charge-Free]	Frontier of high temperature physical chemistry in oxide/metal interface 1・2 [35-41] (9:20-12:00)	---	---	---
Session Room 3	---	Data science for deterioration diagnosis of infrastructure I (13:00-17:00) [Charge-Free]	Effective application of the steelmaking slag and dust 1・2 [48-53] (9:40-12:00)	Energy and resource efficiencies in steel industry towards zero carbon society (13:00-17:00) [Charge-Free]	---	---
Session Room 4	Young engineer session of plate [64-66] (10:00-11:00)	Reliability evaluation of weld 3-1・2 [67-76] (13:00-16:40)	Modeling of various phenomena in metal forming and its application / Evaluation technology for mechanical properties of sintered materials [77-82] (9:20-11:40)	Advances in lubrication technology of rolling [D1-D8] (13:00-16:50)	Control technologies for free cutting -14 [83-86] (10:00-11:20)	---
Session Room 5	---	Electrical steel, titanium and its alloys [92-94] (13:00-14:00)	Instrumentation [54-56] (11:00-12:00)	Process monitoring / System and control [57-63] (13:30-16:10)	Recent tube forming young researcher's session IV / Surface and cooling [87-91] (9:00-11:00)	---
Session Room 6	---	Heat resistant steels / Ni based alloys [95-102] (13:00-16:00)	---	Stainless steel [123-127] (13:00-14:40)	---	---
Session Room 7	---	Strength and deformation behavior 1・2 [103-110] (13:00-16:20)	Quantitative analysis of microstructure / Machine learning [128-133] (9:00-11:30)	Partitioning of elements / Precipitation [134-141] (13:00-16:00)	Heterogeneous deformation and fracture in high strength steels [D9-D18] (8:55-16:00)	
Session Room 8	---	---	Surface technology [142-147] (10:00-12:00)	Machine structural steel [148-151] (13:00-14:20)	---	---
Session Room 9	Hydrogen embrittlement 1 [111-114] (10:00-11:20)	Hydrogen embrittlement 2・3 [115-122] (13:00-16:10)	Toward understanding of corrosion-induced hydrogen absorption to steels in air - Part III (10:10-16:30) [Charge-Free]		Mechanism of fracture and practical issues in hydrogen embrittlement II (8:30-16:00) [Charge-Free]	
Session Room 10	---	---	Trend of research about phase transformation of titanium alloys (9:55-15:45) [Charge-Free]		---	---
Session Room 11	---	On-line analysis for iron and steel making processes [D19-D21] (13:30-15:35)	Surface analysis and crystal structure analysis [152-153] (11:00-11:40)	Non-destructive / on-site analysis for materials related to steel industry 1・2 [154-160] (13:00-15:40)	---	---
Poster Session for Students	---	---	Poster Session for Students (11:00-14:00) Poster Session Award Ceremony (19:00-20:30)		---	---

The timetable of the ISIJ-JIM Joint Session
(September 15-17, 2021)

* These sessions will be hold using Zoom meetings.

Session Room	Sept. 15 (Wed.)		Sept. 16 (Thu.)		Sept. 17 (Fri.)	
	AM	PM	AM	PM	AM	PM
JIM Room O	---	---	---	ISIJ and JIM joint session Titanium and its alloys 1・2 [J1-J11] (13:00-17:00)	---	---
JIM Room P	ISIJ and JIM joint session Ultrafine grained materials -fundamental aspects for ultrafine grained structures- [J12-J14] (9:00-10:00)	---	ISIJ and JIM joint session Materials science of martensitic and bainitic transformations and its applications 1・2 [J15-J22] (9:00-12:00)	ISIJ and JIM joint session Materials science of martensitic and bainitic transformations and its applications 3・4 [J23-J29] (13:00-15:40)	ISIJ and JIM joint session Materials science of martensitic and bainitic transformations and its applications 5・6 [J30-J37] (9:00-12:00)	ISIJ and JIM joint session Materials science of martensitic and bainitic transformations and its applications 7・8 [J38-J45] (13:00-16:00)

[] : Lecture Number
() : Lecture Time
■ : Symposium