

The timetable of the 187th ISIJ Meeting  
(March 13-15, 2024 at Tokyo University of Science)

Session Room	March. 13 (Wed.)		March. 14 (Thu.)		March. 15 (Fri.)	
		PM	AM	PM	AM	PM
Session Room 1 Lecture Hall Bldg. 3F 305	Coke / Young engineer session of coke-making 1・2 [1-11] (9:00-13:00)	-	-	ISIJ and JIM joint session Physico-chemical properties of high temperature melts 1・2 [J15-J22] (14:00-17:00)	-	-
Session Room 2 Lecture Hall Bldg. 3F 304	Pretreatment of raw materials / Sinter [12-18] (9:20-12:00)	-	Latest research aiming at Lumpy zone control for next generation hydrogen enriched blast furnace (Final report meeting of the study group on "Lumpy zone control for next generation hydrogen enriched blast furnace") [D1-D11] (9:15-17:30)	Blast furnace / Ironmaking process in future [50-57] (9:00-12:00)	Data science for infrastructure deterioration diagnosis (Final report) (13:00-16:00) [Charge-Free]	
Session Room 3 Lecture Hall Bldg. 3F 303	Non-metallic inclusion [19-23] (10:00-11:40)	-	Thermodynamics / Transport phenomena [28-35] (9:00-12:00)	Quantification of solidification phenomena IV 1・2 [36-45] (13:00-16:40)	Electric arc furnace / Refractory [58-63] (9:30-11:50)	Fundamentals of solidification and continuous casting [64-67] (13:00-14:20)
Session Room 4 Lecture Hall Bldg. 3F 302	Current status and challenges in measurement and interpretation of thermophysical properties for molten oxides [24-27] (10:30-11:50)	-	Advanced thermal energy utilization technologies for saving energy and reducing carbon emissions in steelmaking industry 1・2 [68-73] (9:20-11:40)	Slag [46-49] (13:00-14:20)  Recycle [74-76] (15:40-16:40)	Current state of Slag2PCC (CO <sub>2</sub> mineralization process) for achievement of carbon neutrality [77-79] (10:00-11:00)	Carbon dioxide capture and utilization (CCU) for iron and steel making (13:00-17:00) [Charge-Free]
Session Room 5 Lecture Hall Bldg. 3F 306	-	-	-	System, Control and Instrumentation [80-84] (14:00-15:40)	Expectations and challenges in industrial applications of generative AI (10:00-14:45) [Charge-Free]	
Session Room 6 Lecture Hall Bldg. 3F 307	Hot Rolling, Cooling, Control 1・2 [85-91] (9:20-12:00)	-	-	Recent topics related to the manufacture of high tensile steel [D12-D16] (13:00-15:45)	Tribology / Process, sensing [92-99] (9:00-12:00)	Bar and wire / Cutting and surface [100-107] (13:00-16:00)
Session Room 7 Lecture Hall Bldg. 3F 308	-	-	Needs for tubes with uneven thickness and their manufacturing and forming techniques (9:00-12:25) [Charge-Free]	-	-	Rapidly spreading "BIM/CIM" in construction and civil engineering -What will "BIM/CIM" bring steels? (13:00-16:05) [Charge-Free]
Session Room 8 Lecture Hall Bldg. 3F 311	Electrical steel [108-111] (10:40-12:00)	-	-	Recrystallization and texture 1・2 [133-139] (14:00-16:40)	ISIJ and JIM joint session Titanium and its alloys 1・2 [J1-J9] (9:00-12:10)	ISIJ and JIM joint session Titanium and its alloys 3 [J10-J14] (13:00-14:40)
Session Room 9 Lecture Hall Bldg. 1F 103	Diffusional and nondiffusional transformation 1・2 [112-119] (9:00-12:00)	-	Aging and precipitation [140-143] (9:00-10:20)	Effect of microstructure of stainless steel on corrosion resistance (14:00-16:45) [Charge-Free]	Control of microstructure and properties / Modeling and simulation [178-185] (9:00-12:00)	-
Session Room 10 Lecture Hall Bldg. 1F 104	-	-	Surface treatment and corrosion 1・2 [144-149] (9:40-12:00)	Structural steel [150-153] (14:00-15:20)	Heat resistant steels and alloys 1・2 [186-192] (9:30-12:05)	Long-standing issues in heat resistant metallic materials and the progress of the forum activity (13:15-15:50) [Charge-Free]
Session Room 11 Lecture Hall Bldg. 1F 101	Hydrogen embrittlement 1・2 [120-128] (9:00-12:15)	-	Hydrogen embrittlement 3・4 [154-162] (9:00-12:15)	Innovative evaluation techniques for hydrogen entry and hydrogen trapping: III (13:45-17:30) [Charge-Free]	Hydrogen embrittlement 5・6 [193-200] (9:00-12:00)	-
Session Room 12 Lecture Hall Bldg. 1F 102	Ductility and toughness [129-132] (10:20-11:40)	-	Stainless steels [163-167] (10:00-11:40)	Strength and deformation behavior 1・2 [168-177] (14:00-17:30)	Strength and deformation behavior 3 [201-205] (10:00-11:40)	Strength and deformation behavior 4 [206-210] (13:00-14:40)
Session Room 13 Lecture Hall Bldg. 4F 405	Elemental analysis 1・2 [211-216] (9:30-11:45)	-	Development of new applications for steel slag, as well as evaluation and analysis methods for its various reactions (9:30-12:00) [Charge-Free]	State-of-the-arts in chemical analyses of steel and iron [D17-D22] (13:30-16:00)	Crystal structure analysis [217-220] (9:30-10:50)	-
Session Room 14 Lecture Hall Bldg. 4F 404	-	-	Recent advances in analytical techniques for metallic cultural heritage studies -Mainly focusing on the use of synchrotron radiation, neutron, and muon- [Int-1-Int-11] (10:30-17:20)	-	-	-
	Ceremony conferment of the honorary membership and prize awarding, Special lecture meeting (14:00-17:00 at Hall, Library 3rd Fl.)  Banquet (18:00-20:00 at Cafeteria, Management Bldg. 2nd Fl.) [8,000yen]		Poster Session for Students (12:00-15:00 at Foyer, Library 3rd Fl.) [Charge-Free]  ISIJ Beer Party (17:30-19:00 at Cafeteria, Management Bldg. 2nd Fl.) [1,000yen]		-	-

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( ) : Lecture Time  
■ : Event to be held during the 187th ISIJ Meeting (Symposium, Poster Session for students)