Program at a Glance

October 11th (Wednesday)

Time	Reception Hall	Room A 301	Room B 401	Room C 402	Room D 403
9:00					
9:10					
9:20					
9:30		Opening Address			
9:40					
9:50		**Plenary Lecture 1** Toshihiro Bannai			
10:00					
10:10					
10:20					
10:30		**Plenary Lecture 2** Hans Bodo Lüngen			
10:40					
10:50					
11:00					
11:10					
11:20		**Plenary Lecture 3** Chunxia Zhang			
11:30					
11:40					
11:50					
12:00	**Poster Session**	Lunch	Lunch	Lunch	Lunch
12:10					
12:20					
12:30					
12:40					
12:50					
13:00					
13:10					
13:20					
13:30					
13:40					
13:50		**COURSE50** Keynote Lecture 1	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling** Keynote Lecture 1	**Thermal Energy Utilization** Keynote Lecture 1	**Phosphorus Concentration and Recovery from Steel-making Slag** Keynote Lecture 1
14:00					
14:10					
14:20		**COURSE50**	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**	**Thermal Energy Utilization** Keynote Lecture 2	**Phosphorus Concentration and Recovery from Steel-making Slag**
14:30					
14:40					
14:50					
15:00		Coffee Break	Coffee Break	Coffee Break	Coffee Break
15:10					
15:20		**COURSE50**	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**	**Thermal Energy Utilization**	**Phosphorus Concentration and Recovery from Steel-making Slag**
15:30					
15:40					
15:50					
16:00					
16:10					
16:20					
16:30					
16:40		Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:50					
17:00		**COURSE50**	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**	**Thermal Energy Utilization**	**Behavior of Accompanied Element in Steel Cycle**
17:10					
17:20					
17:30					
17:40					
17:50					
18:00					
18:10					
18:20					
18:30					
18:40					
18:50					
19:00	**Welcome Party**				

October 12th (Thursday)

Room A 301	Room B 401	Room C 402	Room D 403
Plenary Lecture 4 Paulo Santos Assis			
Blast Furnace Route for Future Ironmaking Keynote Lecture 1	**Carbon and Material Recycling** Keynote Lecture 1	**Life Cycle Social Value and Environmental Impacts** Keynote Lecture 1	
Blast Furnace Route for Future Ironmaking Keynote Lecture 2	**Carbon and Material Recycling**	**Life Cycle Social Value and Environmental Impacts** Keynote Lecture 2	
Coffee Break	Coffee Break	Coffee Break	Coffee Break
Blast Furnace Route for Future Ironmaking	**Carbon and Material Recycling**	**Life Cycle Social Value and Environmental Impacts** Keynote Lecture 3	**COURSE50**
		Life Cycle Social Value and Environmental Impacts Keynote Lecture 4	
Lunch	Lunch	Lunch	Lunch
Plenary Lecture 5 Sang-Ho Yi			
Ironmaking Resources and Preparation Process Keynote Lecture 3	**Carbon and Material Recycling**	**Life Cycle Social Value and Environmental Impacts**	
Ironmaking Resources and Preparation Process		**Creating Social Value Beyond Steel Industry** Keynote Lecture 5	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**
		Creating Social Value Beyond Steel Industry	
Coffee Break	Coffee Break	Coffee Break	Coffee Break
Ironmaking Resources and Preparation Process	**Carbon and Material Recycling**	**Creating Social Value Beyond Steel Industry**	**Blast Furnace Route for Future Ironmaking**
Banquet		Banquet	

October 13th (Friday)

Time	Room A 301	Room B 401	Room C 402	Room D 403
9:00	**Plenary Lecture 6** Susumu Kitagawa			
9:10				
9:20				
9:30				
9:40				
9:50	**Gas Separation by PCPs/ MOFs for the Steel Industry**	**Blast Furnace Route for Future Ironmaking**	**Ironmaking Resources and Preparation Process**	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**
10:00				
10:10				
10:20				
10:30				
10:40				
10:50				
11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:10				
11:20	**Gas Separation by PCPs/ MOFs for the Steel Industry**	**Blast Furnace Route for Future Ironmaking**	**Ironmaking Resources and Preparation Process**	**Thermodynamics and Process Technology for Sustainable and Efficient Steel Refining and Recycling**
11:30				
11:40				
11:50				
12:00				
12:10	Closing Address			
12:20				
12:30				
12:40				
12:50				