

Time table

Lecture time: 40 min + 15 min discussion in Opening session, 25 min + 15 min discussion in all other sessions.

	Sunday 27	Monday 28	Tuesday 29	Wednesday 30
Morning 1		Opening session 9:00 Opening address 9:10 Z-K Liu: Materials Genome: CAL-PHAD, ESPEI, and beyond 10:05 K Sato: Progress in analytical sciences in steel industry – A vehicle for designing advanced steels	Session II: Solute-defect interaction – Fundamentals and applications I 9:00 E V Pereloma: Effect of chromium on strain ageing and recrystallisation behaviour of low carbon steel 9:40 G Miyamoto: Formation of nano-sized cluster and nitride during nitriding of ferrous alloys	Session VI: Advanced studies on micro-structure formation 9:00 D Raabe: Nanoscale austenite reversion in martensitic and maraging TRIP steels 9:40 M Enomoto: Calculation of growth rate of ferrite in multi-component Fe–C base alloys 10:20 M Sugiyama: Progress of interfacial segregation issues with advanced nano-analyses
		11:00 Coffee break (20 min)	10:20 Coffee break (20 min)	11:00 Coffee break (20 min)
Morning 2		Session I: Solute-solute interaction – Theory and experiment 11:20 H Numakura: Interaction between interstitial and substitutional solute atoms in iron 12:00 M H F Sluiter: Interactions between interstitial and substitutional solutes in ferrite from first- principles	Session III: Solute-defect interaction – Fundamentals and applications II 10:40 S Ogata: Modelling and simulation of diffusion behaviour of hydrogen and carbon in iron 11:20 J Takahashi: Strengthening by grain refinement and grain-boundary segregation	11:20 Closing session Discussion and summary
		12:40 Lunch (60 min)	12:00 Lunch (60 min)	(No lunch served)
Afternoon 1	15h–19h Registration	13:40 Poster preview 3-minute presentation with 3 slides maximum	Session IV: Solute-defect interaction – Fundamentals and applications III 13:00 B C De Cooman: Influence of interstitial-dislocation interactions on the γ relaxation and Snoek-Kê-Köster relaxation in steel 13:40 M Tanaka: Solute effects on toughness	
	15h–18h Japanese tea reception	15:25 Coffee break (35 min)	14:20 Coffee break (20 min)	
Afternoon 2	17h–19h Welcome buffet	16:00–19:00 Poster session Poster size: A0 (840 mm W x 1188 mm H), portrait setting Light meal and beverages will be served (17h–)	Session V: Boron in iron and steel 14:40 H Ohtani: Thermodynamic study on grain boundary segregation of B in Fe 15:20 M Hamada: Effect of boron addition on microstructure and toughness of carbon steel weld metal	
			16:00 Intermission (150 min)	
Evening			18:30–20:30 Dinner party	