

APMS Timetable

Monday 22nd July

Afternoon/Evening

1830-2200

Delegates staying at Christ's College are welcomed at St Andrew's Street entrance

College bar open, all welcome

Tuesday 23rd July

0830-0910

Registration at the Yusef Hamied Theatre

0910-0930

Introduction to APMS

0930-1000

Architected steels, T. Koseki

1000-1030

Magneto-structural coupling, I. Abrikosov

1030-1100

Quench and partitioning, J. Speer

1100-1130

Break

1130-1200

Variant selection, S. Kundu

1200-1230

Secondary-hardened bainite, J-R. Yang

1230-1400

Lunch

1400-1430

Welding of high-carbon steel, K. Fang

1430-1500

Isotropy and fatigue, P. Olund

1500-1530

Break

1530-1600

Atoms in bainite, F. Caballero

1600-1630

Pulsed steels, R. Qin

1630-1700

Fullerene/nanotube modified steels, I. Shchetinin

Wednesday 24th July

0900-0930

Boron: Type IV cracking, F. Abe

0930-1000

Low-density steel, H-L. Yi

1000-1030

Friction stirring of steel, T. DebRoy

1030-1100

Flash processing, G. Cola

1100-1130

Break

1130-1200

Reliable ab initio methods, A. Paxton

1200-1230

Steel composites for energy, C. Capdevila-Montes

1230-1400

Lunch

1400-1430

Microstructures without contact, C. Davis

1430-1500

Pop-in deformation, H.N. Han

1500-1600

Extended Break

1600-1630

Reduced activation, K. Wu

1630-1700

Plausibility of fine bainite, C. Garcia-Mateo

Thursday 25th July

0930-1000	<i>Architected microstructures</i> , G. Anand
1000-1030	<i>Flash microstructure</i> , S. Babu
1030-1100	<i>Energetic TWIP</i> , D. Dye
1100-1130	Break
1130-1200	<i>Production of fine bainite</i> , A. Rose
1200-1230	<i>Voids and 30000 atoms</i> , S. Munetoh
1230-1400	Lunch
1400-1430	<i>Soft particles</i> , T. Tsuchiyama
1430-1500	<i>Mechanochemistry</i> , F. Miani
1500-1530	<i>Simplex and Kappa steels</i> , I. Gutierrez-Urrutia
1530-1600	Break
1600-1630	<i>Innoculated high-speed steel</i> , A. Chaus
1630-1700	<i>Non-cubic ferrite</i> , D-W. Suh
1845-1930	Pre-dinner drinks in Fellows' Garden
1930-	Conference Dinner
	College bar open until midnight

All presentations will be given in the Yusef Hamied Theatre. Refreshments will be provided during the breaks, either in a separate room in the conference building or outside (precise location will be weather dependent). Lunch will be served in the main college dining hall, where the conference dinner will also be held.

The extended break on Wednesday will be held in the Fellows' Garden, where afternoon tea will be served. Guests of delegates are very welcome to join us for this.

Please ensure you arrive in good time to be seated before the presentations are scheduled to start.