Oral presentations

O01	Materials Genome: CALPHAD, ESPEI, and beyond Zi-Kui Liu The Pennsylvania State University
002	Progress in analytical sciences in the steel industry - A vehicle for designing advanced steels - Kaoru Sato JFE Steel Corporation
003	Interaction between interstitial and substitutional solute atoms in iron Hiroshi Numakura Osaka Prefecture University
O04	Interactions between interstitial and substitutional solutes in ferrite from first-principles Marcel H. F. Sluiter Delft University of Technology
O05	Effect of chromium on strain ageing and recrystallisation behaviour of low carbon steel Elena Pereloma*, Valdimir Bata, Azdiar Gazder University of Wollongong
O06	Formation of nano-sized cluster and nitride during nitriding of ferrous alloys Goro Miyamoto*, Tadashi Furuhara Tohoku University
O07	Modeling and simulation of diffusion behaviour of hydrogen and carbon in iron Shigenobu Ogata*, Hajime Kimizuka, Akio Ishii Osaka University
O08	Influence of carbon and nitrogen segregated at grain boundaries on Hall-Petch coefficient in ferritic steel J. Takahashi*, K. Kawakami, K. Ushioda, S. Takaki, N. Nakada, T. Tsuchiyama Nippon Steel Corporation
O09	Influence of interstitial-dislocation interactions on the γ-relaxation and Snoek-Kê-Köster relaxation in steel B. C. De Cooman Pohang University of Science and Technology
O10	Solute effects on toughness Masaki Tanaka*, Kenji Higashida Kyushu Univeristy
011	Thermodynamic study on grain boundary segregation of B in Fe Hiroshi Ohtani Kyushu Insitute of Technology
012	Effect of boron addition on microstructure and toughness of carbon steel weld metal Masahiko Hamada Sumitomo Metal Industries, Ltd
013	Nanoscale austenite reversion in martensitic and maraging-TRIP steels Dierk Raabe*, Dirk Ponge, Pyuck Choi, Julio Millán, Steffanie Sandlöbes, Tilmann Hickel, Jörg Neugebauer Max-Planck-Institut fuer Eisenforschung
014	Calculation of growth rate of ferrite in multi-component Fe-C base alloys M. Enomoto [*] , R. Wei, G.H. Zhang, X.L. Wan Ibaraki University
015	Progress of interfacial segregation issues with advanced nano-analyses Masaaki Sugiyama*, Genichi Shigesato, Hideaki Sawada, Naoki Maruyama, Takuya Hara Nippon Steel Corporation