

BAINITE IN STEELS

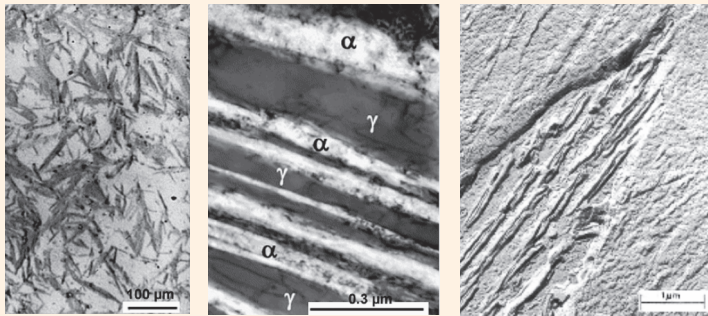
ONE-DAY COLLOQUIUM

Hosted by: Department of Materials Science and Metallurgical Engineering,
University of Pretoria

Monday · 4 December 2017

Invited Speaker:

Sir Harry Bhadeshia, FRS, FREng, FNAE, TATA Steel
Professor of Metallurgy at the University of Cambridge



PROGRAMME

08:30	Arrival and tea/coffee
09:00	Welcoming and introduction Prof. Roelf Mostert
09:15–09:45	Overview of the Bainite transformation mechanism, with reference to alloying element influences Sir Harry Bhadeshia
09:45–10:00	Discussion
10:00–10:15	Audience contributions
10:15–10:45	Bainitic Rail steel developments with specific reference to wear resistance Sir Harry Bhadeshia
10:45–11:00	Discussion
11:00–11:15	Audience contributions
11:15–11:30	Tea and coffee
11:30–12:00	High strength automotive and line pipe bainitic steel development Sir Harry Bhadeshia
12:00–12:15	Discussion
12:15–12:30	Audience contributions
12:30–13:15	Lunch
13:15–13:45	Bainitic steels for ballistic protection
13:45–14:00	Discussion and audience contributions
14:00–14:45	Modelling of phase transformations and structure-property relationships Sir Harry Bhadeshia
14:45–15:00	Discussion
15:00–15:15	Audience contributions
15:15–15:30	Closing

REGISTRATION FREE — THERE IS NO REGISTRATION FEE BUT BOOKINGS ARE ESSENTIAL FOR CATERING PURPOSES

Venue: Auditorium, Plant Sciences Building, University of Pretoria Hatfield Campus

Please RSVP: Kea Shumba, Membership & Branch Liaison Administrator

Telephone: +27 11 834 1273 | Facsimile: 086 684 0453

E-mail: kea@saimm.co.za

First Announcement & Programme