Harry Brearley Stainless Steel Centenary Conference & Exhibition
The Development and Application of Stainless Steels

PROGRAMME

TUESDAY 11th JUNE

08.30  Registration, Refreshments and Exhibition Opens

10.00  CONFERENCE OPENS

Chairman: Andy Backhouse – President, Sheffield Metallurgical and Engineering Association

Opening Address  Global Outlook for Stainless Steel
John Rowe – Secretary-General, International Stainless Steel Forum

10.40  SESSION I  MAKING STAINLESS STEEL

1  Stainless Steel – The Beginning
Dr David Dulieu – Consultant

2  Sheffield: Centre for World Class Stainless Steelmaking
John Beeley – Director, Outokumpu Stainless Ltd

3  The Importance of Manufacturing for the UK’s Economic Recovery
The Rt. Hon Michael Fallon – Minister of State for Business and Enterprise

12.00  Lunch

13.15  SESSION II  ENERGY

Chairman: Dr Alan McLelland – Chief Executive Officer, The National Metals Technology Centre

4  Critical Applications of Stainless Steels in Oil and Gas
Dr Lee Smith – Materials & Corrosion Engineer, BP UK

5  Nuclear Materials: The Challenge to Make Components Last Longer
Prof Michael Preuss – Deputy Director Materials Performance Centre, University of Manchester

6  Stainless Steel: Its Future in the Development of Biogas Plants
Dr Clare Lukehurst – UK National Team Leader, IEA Bioenergy, Task 37 (UK)

7  Applications for Special Forgings & Castings in the Energy Sector
Paul Madin – Foundry Technical Director, Sheffield Forgemasters Engineering

15.00  Tea

15.30  SESSION III  ARCHITECTURE, BUILDING & CONSTRUCTION

Chairman: Mark Perrins, Senior Vice-President, Outokumpu Group

8  The Global Potential: Stainless Steel in Sustainable Architecture
Catherine M. Houska – Consultant to Nickel Institute, TMR Consulting

9  Stainless Steel for Structural Applications
Graham Gedge – Associate Director, Arup Materials Consulting

10  Stainless Steel Reinforcing Bar
Murray Adair – General Manager, Sales and Development, Outokumpu Stainless

11  Stainless Steel in Tunnelling and Infrastructure Projects
Peter McDermott – Operations Director, Ancon Limited

17.15  Close

18.30  Coaches to Firth Hall, The University of Sheffield

19.00  CELEBRITY LECTURE “The Status of Stainless Steel in the World Today”
Mika Seitovirta, President & CEO, Outokumpu Group

(Followed by a Buffet Supper and Exhibition in The Octagon Centre)
WEDNESDAY 12th JUNE

08.00 Exhibition Opens

09.00 SESSION IV TRANSPORT

Chairman: Mick Steeper – Manager Technology, Siemens Metals Technologies

12 Ultra-High Strength Steels for Aerospace Applications
Matt Green – Principal Scientist, Swinden Technology Centre, Tata Steel Europe.

13 Stainless Steel on the Railways – An Opportunity?
Dr Peter Cutler – Consultant to The Nickel Institute

14 Stainless Steel Long Products – Role in Sustainable Transport
Gunter Bertrand - Coordinator Strategic Business Development
Schmolz + Bickenbach Edelstahl GmbH. Germany

10.30 Coffee Break

11.00 SESSION V APPLICATIONS

Chairman: Mark Tomlinson – Operations Director, Sheffield Forgemasters Steel

15 How Stainless Steel has impacted on Our Daily Lives
David Holland – Head of Technical Operations, Aperam

16 Stainless Steel for Cryogenic Applications in MRI Scanners
Ian Wilkinson – Cryostat Engineering Manager, Siemens Healthcare

17 Heatric Compact Stainless Steel Heat Exchangers
Nick Johnston – Director of Sales, Heatric

18 Alloy Selection for High Temperature Applications
Brian Peters – International Marketing Director, NeoNickel Blackburn

19 An Introduction to Wave & Tidal Power
Sonal Fricker – Consulting Engineer, IT Power

13.00 Lunch

14.15 SESSION V THE NEXT 100 YEARS: MARKETS & TECHNOLOGIES

Chairman: Nigel Ward – Managing Director, BSSA

20 The Next 100 Years: From Volume to Value
Markus A. Moll – Managing Director, SMR – Steel & Metals Market Research

21 Future Process Technologies and Potential Applications
Mick Steeper – Manager Technology, Siemens Metals Technologies

22 Sustainability in the Built Environment
Dr Peter Bonfield – Chief Executive, BRE Group

16.30 Conference closes

18.30 Coaches – Holiday Inn and The Cutlers’ Hall

19.00 for 19.30 CENTENARY DINNER at THE CUTLERS’ HALL

THURSDAY 13th JUNE

Visit Programme

9.00 Nuclear AMRC and AMRC – Advanced Manufacturing Research Centres or Sheffield Forgemasters International

12.45 Buffet Lunch at AMRC

14.15 Outokumpu Stainless

16.45 Coach Transfers