

INFACON 83

3RD

PREPRINTS ONLY

- I 4 Improvement of Electric Power Consumption in Silicomanganese smelting.
- 12 A more efficient Ferro-silicon Process (Elkom).
- II 23 Evaluation Method of Chromium ore from Solid State Reduction (Japan).
- III 33 HC Ferro-Manganese Production in an open Furnace operating with the "Two Tap" Process (Brazil?).
- 44 Composite Cold Pellet Production and its use in Si-Mn Production (Japan).
- 49 Change Chrome and Ferro-Chrome Production in India.
- 65 The Potential of Neutron Sources in the In-plant Determination of Manganese and Chromium in the Ferro-Alloy Industry.
- 75 Dephosphorization of Ferromanganese with Fluxes (Japan).
- 82 The Potential of Plasma-Arc Technology in the Production of Ferro-Alloys (Barcza).
- 91 A Techno-Economic Assessment of Large and Small Furnaces.
- 103 Two Decades of Manganese Alloy Smelting in Tasmania, Australia.
- 114 Recent Improvements and Future Prospects in the Production of Silicon Alloys. (Sofrem, France).
- 117 High-efficiency Fe-Si Smelting Technology with Heat Recovery System (Japan).
- 123 Silicon Metal Market Analysis.
- 128 Ferro-Alloys in a Global Context.
- 157 The Ferro-Alloy Industry - A North American View.
- 163 Evolution of the Ferro-Alloy Industry in Europe.
- 167 Casting Ferro-Alloys.
- 178 Influence of Raw Materials on the Production of 75% Ferrosilicon.

- 187 Sub-Arc Furnace optimization of Furnaces at M S & A.
- 194 Production of Medium Carbon Ferro-Manganese by the Shaking Ladle Process.
- 199 Microalloying Elements in Steel.

CONTENTS

Special Lecture and Guest Speeches

Technical Session I

Technical Session II

Technical Session III

Technical Session IV

Technical Session V