
PROCEEDINGS

VOLUME I



INFACON '89

5th INTERNATIONAL
FERROALLOYS CONGRESS

April 23-26, 1989

NEW ORLEANS, LOUISIANA

INFACON '89

ORGANIZING COMMITTEE

JOHN G. OXAAL, *Chairman*
JOHN P. TRUNZO, *Vice Chairman*
ARDEN C. SIMS, *Finances*
JAMES H. DOWNING, *Technical*
DONALD H. FREAS, *Plant Tours*
JOHN CRANE, *Local Arrangements*
WILLIAM H. WISE, *Secretary General*
JOHN F. COLLINS
GEORGE A. WATSON

TECHNICAL COMMITTEE

JAMES H. DOWNING, *Chairman*
GEORGE T. CAMPBELL
C. FRED FULGENZI
JOHN BILES
ALEXANDER McLEAN
D. BRUCE ORR

Organized by

THE FERROALLOYS ASSOCIATION

DONALD H. FREAS, *Chairman*
GEORGE A. WATSON, *President*
ARDEN C. SIMS, *Vice Chairman*
W. F. PORTER, *Secretary/Treasurer*
JOHN P. TRUNZO, *Past Chairman*

INFACON '89

ORGANIZING COMMITTEE

JOHN G. OXAAL, *Chairman*
JOHN P. TRUNZO, *Vice Chairman*
ARDEN C. SIMS, *Finances*
JAMES H. DOWNING, *Technical*
DONALD H. FREAS, *Plant Tours*
JOHN CRANE, *Local Arrangements*
WILLIAM H. WISE, *Secretary General*
JOHN F. COLLINS
GEORGE A. WATSON

TECHNICAL COMMITTEE

JAMES H. DOWNING, *Chairman*
GEORGE T. CAMPBELL
C. FRED FULGENZI
JOHN BILES
ALEXANDER McLEAN
D. BRUCE ORR

Organized by

THE FERROALLOYS ASSOCIATION

DONALD H. FREAS, *Chairman*
GEORGE A. WATSON, *President*
ARDEN C. SIMS, *Vice Chairman*
W. F. PORTER, *Secretary/Treasurer*
JOHN P. TRUNZO, *Past Chairman*