

**Name**

Ian Craig

**Affiliation**

University of Pretoria, South Africa

**Title**

Grinding mill modeling and control: past, present and future

**Biography**

**Ian Craig** received the B.Eng. degree in electronic engineering from the University of Pretoria, South Africa, the S.M. degree from the Massachusetts Institute of Technology, Cambridge, USA, and the Ph.D and M.B.A. degrees from the University of the Witwatersrand, Johannesburg, South Africa. He is Professor and Section Head: Control Systems in the Department of Electrical, Electronic and Computer Engineering at the University of Pretoria, a position he has held since 1995. Previously he was Group Leader in the Measurement Control Division of Mintek where he was awarded for his work on the design, implementation and commercialisation of advanced controllers for the mineral processing industry.

Ian is the current President of IFAC, the International Federation of Automatic Control. He has served IFAC in many different roles, including as a Technical Board, Executive Board and Council Member. He also served as the Editor-in-Chief of the IFAC journal Control Engineering Practice from 2005 to 2010 and received the IFAC Outstanding Service Award in 2008. Ian is an active member of the South African Engineering community. He is a Fellow of the South African Academy of Engineering, a Fellow of the South African Institute of Electrical Engineers, Past President of the South African IFAC National Member Organization, and founding President of the MIT Club of South Africa. His research interest include the economic performance assessment of advanced process control; HIV/Aids modeling, identification and control; and modeling and control of systems in mineral and metal processing.