

Curriculum Vitae

MARK WILLIAM HILDYARD

BSc (Elec Eng), MSc (Eng), PhD

Born: 30th June 1964, Middlesex, England
Nationality: South African, United Kingdom
Marital Status: Single
Language: English
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Education

June 2002 *PhD (Earth Sciences), (University of Liverpool, UK)*
1999-2001: University of Liverpool, UK (Moved from Keele to Liverpool university
with Prof. Paul Young's applied seismology laboratory)
1997-1999: University of Keele, UK, applied seismology and rock physics group
December 1989 *MSc (Electrical Engineering), (University of Witwatersrand, SA)*
1986-1989: University of Witwatersrand, Johannesburg (interrupted by two years of National
Service)
December 1985 *BSc (Electrical Engineering), (University of Witwatersrand, SA)*
1982-1985: University of Witwatersrand, Johannesburg
December 1981 *Senior Certificate (Matric, 3 distinctions)*
1977-1981 Parktown Boys High School, Johannesburg
1970-1976 Parkview Junior and Senior Primary, Johannesburg.

Employment History

July 1989 – Present. Chamber of Mines Research Organisation (COMRO), later to become CSIR Division of Mining Technology. Employed in the field of rock mass behaviour physics. Initially involved with boundary element developments by Dr John Napier to study the developing fracture zone of stopes. Later began applying elastodynamic models to rock mechanics problems, working in collaboration with Prof. Peter Cundall and making extensive developments to the program WAVE. Spent 1997 to 2001 in the United Kingdom, working with Prof. Paul Young's research group and completing a PhD thesis. Returned to the CSIR in South Africa in 2001. Currently applying wave propagation models to mining rock mechanics research projects, as well as contract research for monitoring applications in nuclear waste storage.

Awards

2002 SAIMM, silver medal awarded to CSIR-Miningtek for a special issue. (M. Hildyard was first author of two of the seven papers)
1999 Keele University, half-colours for squash
1998 CSIR Outstanding Achiever Award (jointly for "rock mass behaviour team")

Institutions

Member of SAIEE (South African Institute of Electrical Engineers)
Member of SAIMM (South African Institute of Mining and Metallurgy)
Member of SANIRE (South African National Institute of Rock Engineering)