



Biographical Sketch Dr. Nigel T. Middleton

Dr. Nigel Middleton is Senior Vice President for Strategic Enterprises at the Colorado School of Mines. Prior to his current appointment, he held successive positions as Provost, Executive Vice-President for Academic Affairs and Dean of Faculty, Vice-President for Academic Affairs and Dean of Faculty, and Associate Vice-President for Academic Affairs, since 2007, 2004, 2001 and 1996 respectively. He came to Colorado School of Mines in 1990 as Assistant Director of the Engineering Division, and has since been engaged in academic administration and instruction and research in electrical engineering, with emphases in telecommunications engineering and special applications of signal processing techniques. He has been involved in the oversight of Colorado School of Mines' undergraduate curriculum and has led or participated in many nationally funded initiatives in engineering education. He has also been a principal in developing a major collaborative partnership between Colorado School of Mines and The Petroleum Institute in Abu Dhabi, through the sponsorship of the Abu Dhabi National Oil Company and major multinational corporate participants, and served as a long-time member of their Governing Board. Prior to joining Mines, he was on the faculty in Electrical and Computer Engineering at West Virginia University, and this followed the period 1977-85 when he was employed in the research and development of integrated systems technologies for mechanization, power distribution, and environmental control in deep South African gold mines. This work was performed for the Chamber of Mines of South Africa Research Organization, where he held divisional Chief Engineer positions in electrical engineering, and then in power and control engineering for applied multidisciplinary engineering systems. Dr. Middleton has received many academic awards, and has a publication record spanning accomplishments in industrial and academic research, and in engineering education. Dr. Middleton is Professor of Engineering at the Colorado School of Mines and holds the Ph.D. and B.Sc.(eng.) *cum laude* degrees from the University of the Witwatersrand in Johannesburg. He is a Senior Member of the IEEE, a member of the American Society for Engineering Education, and a member of the South African Institute of Mining and Metallurgy.