

Dr. Shinichi Akutagawa



Dr. Shinichi Akutagawa, born on 18th November 1959 is Professor, Department of Architecture and Civil Engineering, Kobe University, Japan.

Dr. Akutagawa is member of International Society for Rock Mechanics (ISRM) and International Associate of Computer Methods and Advances in Geomechanics(IACMAG)

Research interests of Dr. Akutagawa are : Back analysis of deformation considering non-linear constitutive relationship both for soils and jointed rock masses, Experimental and analytical investigation on earth pressure deformational behavior of shallow NATM tunnel, Interpretation of field measurements for deformation of old tunnels to be re-constructed, Interpretation of field measurements for natural and cut slopes, Non-destructive measurement of stresses in steel structures by using Magnetic sensor and Development of light emitting sensors for On Site Visualization to be applied to wide range of engineering projects.

Prof. Giovanni Barla



Giovanni Barla graduated in mining engineering from Politecnico di Torino in 1965. He specialized in rock mechanics and obtained a MS degree from Columbia University, New York, USA, in 1967. He was awarded the DScEng degree from Columbia University in 1970 for a thesis on stress analysis of underground excavations. He is now Professor of Rock Mechanics and Director of the Department of Structural and Geotechnical Engineering at Politecnico di Torino, Italy.

His research activities are principally connected to laboratory and in situ testing (behavior of rock discontinuities and weak rocks), rock mass characterization, numerical modeling and back analysis, performance monitoring, slope stability, tunneling and caverns, rock-structure interaction, surface and underground mining.

Prof. Maurice Dusseault



Maurice Dusseault started teaching at the University of Alberta in 1977, after completing his degrees in Civil Engineering. Since 1982, he has been Professor of Geological Engineering, Earth and Environmental Sciences Department, University of Waterloo.

Maurice carries out research in geomechanics, oil production, and novel deep waste disposal technologies. He has co-authored two textbooks and 450 full text articles and works widely with industry as an advisor and professional instructor in petroleum geomechanics. He was a Society of Petroleum Engineers Distinguished Lecturer in 2002-2003, and is the President of the ISRM Petroleum Geomechanics Commission.

Prof. Xia-Ting Feng



Professor Xia-Ting Feng graduated in Mining Engineering from the Northeast University of Technology in 1986. He obtained a Ph.D. in Rock Mechanics at the University in 1992. He was then appointed and acted as Lecturer, Associate Professor and Professor at the same university. In 1998, he was admitted by the Hundred Talents Program to the Chinese Academy of Sciences (CAS). Subsequently, he permanently joined CAS's Institute of Rock and Soil Mechanics at Wuhan, China. In 2003, he obtained the support of the China National Funds for Distinguished Young Scientists; in 2010, he became a Chair Professor of the Cheung Kong Scholars Programme, Ministry of Education, China; and, in 2009, he was elected as President of International Society for Rock Mechanics

for the period 2011-2015. He has made original contributions to the subject of 'intelligent' rock mechanics and his methods have been applied to large rock engineering projects in China and abroad.

Prof. Yossef Hatzor



Yossef Hatzor, is a graduate of the geotechnical engineering program at U. C. Berkeley, class of 1992. In 1993 Prof. Hatzor established the graduate program in rock mechanics and geological engineering at Ben-Gurion University and currently functions as the director of Geological Engineering studies and director of the Rock Mechanics Laboratory at BGU.

Professor Hatzor is involved in major geotechnical and geological engineering projects in Israel including mining, tunneling, and rock slope engineering, the crown of which is the analysis of static and dynamic stability in the rock cliffs of Masada World Heritage Site for which he was awarded the international Shamsher Prakash award for excellence in the practice of geotechnical engineering.

Prof. John A Hudson



John A Hudson, obtained his BSc degree in Mining Engineering from the Heriot-Watt University in Edinburgh, Scotland, in 1965 and his PhD in rock mechanics from the University of Minnesota, USA, in 1970. After a further two-year period of post-doctoral study at the University of Minnesota, from 1972-1977 he worked in the Tunnels Division at the Transport and Road Research Laboratory, UK. Then, from 1977-1979 at the Department of Strategic Research Operations in the Department of the Environment, UK, from 1979-1980 as a Visiting Professor at the University of Wisconsin, USA, and from 1980-1983 at the Building Research Station, UK. During this latter period, he was awarded the DSc degree by the Heriot-Watt University. From 1983 to the present, he has been affiliated as Reader and then Professor in the Department of Earth Science and Engineering at the Imperial College of Science, Technology and Medicine, University of London, UK. He was elected as

a Fellow of the Royal Academy of Engineering in 1998. Since 1985, Professor Hudson has acted as an independent consultant on more than 100 projects. His past and current work for the ISRM has included being the ISRM UK National Group representative (1987-present, as a Member of the British Geotechnical Association), the ISRM Vice-President at Large (1995-1999), President of the ISRM Commission on Testing Methods (1987-present). His research interests cover the whole field of rock mechanics, but are currently concentrated on systems approaches, especially via 'intelligent' rock mechanics, and radioactive waste disposal.

Prof. Guowei Ma



Prof Guowei Ma is currently a Professor in the School of Civil and Resource Engineering, The University of Western Australia (UWA). Before he joined UWA in 2009, he worked in Nanyang Technological University, Singapore and served as the Secretary General of the Society for Rock Mechanics & Engineering Geology (Singapore) and the Secretary General of the Association for Computational Methods (Singapore). He obtained his BSc from Beijing University, MEng from Xi'an Jiaotong University, China, and PhD from Nanyang Technological University, Singapore. Prof Ma's research interests include rock dynamics, discontinuous deformation analysis, structure response to shock and impact loading, etc. He is currently the Associate Editor of the International Journal of Protective Structures and an Editorial Board

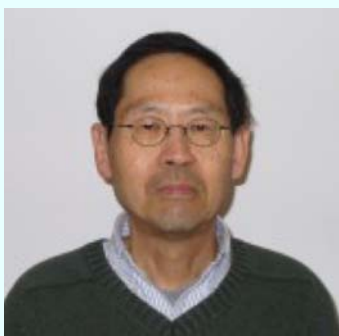
Member of another four International Journals. Prof Ma has published two books by the Springer and over 150 international journal and conference papers.

Dr. John Read



Dr Read graduated with a BSc in Geology from the University of New Zealand in 1962. In 1965 he obtained an MSc in Geology from the University of Canterbury, NZ, and in 1987 a PhD in Geotechnical Engineering from Purdue University, USA. From 1964 to 1984 he worked on civil and mining engineering projects in Australia and South-East Asia. Following completion of his PhD studies in 1987 he specialized in a variety of international open pit mine slope design and research management tasks. Since 2004 he has been responsible for managing CSIRO's industry-funded Large Open Pit Research Project.

Prof. Herb Wang



Herb Wang graduated in Physics from the University of Wisconsin-Madison in 1966. He obtained an A.M. in Physics from Harvard University and a Ph.D. in Geophysics at the Massachusetts Institute of Technology. Since 1972 he has been Assistant, Associate, and Professor of Geophysics at the University of Wisconsin-Madison, where he specializes in poroelastic behavior of rock masses. He is the spokesperson for the GEOX™ collaboration for monitoring rock deformation using fiber-optic and tiltmeter sensors in the Deep Underground Science and Engineering Laboratory (DUSEL) in Lead, South Dakota, USA.

Dr. C. Erichsen



Claus Erichsen was born in 1956, in GERMANY, is married, and has 3 children. He obtained his Dipl.-Ing. in Civil Engineering at the Technical Univ. of Hanover, GERMANY (1983), and his Ph.D. in Rock Mechanics at the Inst. for Foundation Engineering, Soil Mechanics, Rock Mechanics, and Waterways Construction of the Technical Univ. of Aachen (RWTH), GERMANY (1987).

From 1983 to 1989, he worked, as a research engineer (1983-7), and as a senior academic official (1987-9), at the Inst. for Foundation Engineering, Soil Mechanics, Rock Mechanics, and Waterways Construction of the RWTH. In 1989, he joined the engineering firm Prof. Dr-Ing. W. Wittke Consulting Engineers for Tunnelling and Geotechnical Engineering (WBI), Aachen GERMANY, firstly as Director of the branch in Stuttgart, GERMANY, and, since 1995, as Managing Director in the main office, in Aachen. Dr Claus Erichsen has extensive practical experience in rock engineering related to many projects in GERMANY and abroad, concerning tunnelling, dam engineering, foundations, construction pits, slope stability, landfills, and underground repositories. Currently, he is involved in the design and construction of far more than 100 km of tunnels.