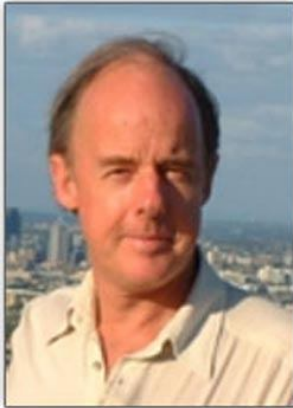


Rock Mechanics and Rock Engineering: Structures on and in rock masses
European Rock Mechanics Symposium (EUROCK2014)

Vigo, Spain, 27-29th May 2014

Nicholas BARTON



Nick Barton has 40 years of experience from rock engineering projects in 35 countries, mostly concerning road, rail and metro projects, also tunnels and caverns for hydropower, rock slope stability, major dam abutment and foundation stability, and nuclear waste disposal studies. He is frequently involved in TBM project trouble-shooting.

He obtained a Ph.D. on rock slope stability from Imperial College, London in 1971. He worked for 25 years in the Norwegian Geotechnical Institute. He is author/co-author of more than 270 papers in technical journals and conference proceedings, and author of some books. He developed the Q-system of rock mass characterization, and a shear strength criterion for rock joints, each widely used internationally.

Dr. Barton was recently honoured with the 6th ISRM Müller Award, given only once every four years for distinguished contributions to rock mechanics and rock engineering. He has a Honoris Causa Ph. D. award from the University of Córdoba, Argentina, and several other international awards in rock mechanics.

