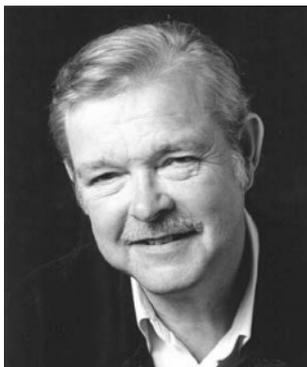


## Awardees of the IAG Levallois Medal 2003-2019



### 2003: George Veis

George was born in Athens in 1929. In 1951, he graduated in Surveying Engineering from the National Technical University of Athens (NTUA). In 1955, he received a Greek state fellowship for advanced studies in Paris at the Sorbonne and the Ecole Nationale des Sciences Geographiques. He spent some time also at the Observatoire de Paris and at the Bureau Gravimetrique International. In 1957 he continued his studies at the Ohio State University where he was awarded with his PhD in 1958, after defending his famous dissertation on the “Geodetic Applications of Observations of the Moon, Artificial Satellites and Rockets”. In the early sixties George Veis returned to the National Technical University of Athens where he was elected Professor of Surveying



### 2007: Carl Christian Tscherning

Christian was born in 1942 and received his Mag. Scient. in geodesy at the University of Copenhagen in 1970. During the military service 1960–1962, he trained as field artillery survey group leader. 1964–1988 he worked at the Geodetic Institute of Denmark initially as a student assistant, then as lecturer in physical geodesy at the University of Copenhagen. In 1988, he became professor of geodesy. Christian has been working for decades on the scientific side to apply in practice the theoretical idea of Moritz and Krarup in gravity field estimation. He expanded the theoretical basis of least-squares collocation and implemented it into software (GEOCOL), which has been widely used by the geodetic community. He has served as Editor-in-Chief of Bulletin Géodésique for eight years and as the Secretary General for another twelve years.



### 2011: Ruth Neilan

Ruth is an engineer by education, but never wanted to be such. She enrolled in an Associate Degree in Engineering Technology at Penn State University. Upon completion, she worked for a number of years as a land surveyor in Pennsylvania. After an extended trip around the world, she turned to the University of Wisconsin-Madison and completed a BSc and MSc in Civil and Environmental Engineering. She minored in Asian studies and speaks Mandarin Chinese. Ruth was employed by JPL in 1984. Since 1993 she has been the International GNSS Service (IGS) Central Bureau Director. In addition, she has or had been involved in more entities, e.g. IAG Executive Committee, IAG Global Geodetic Observing System, UN Office of Outer Space Affairs - International Committee on GNSS (ICG), ICSU-World Data System.



### 2015: Reiner Rummel

Right after his PhD degree in 1974, Reiner was invited as a post-doctoral researcher to the Department of Geodetic Science at the Ohio State University. He formulated his geodetic profile as an amalgam of European geodetic theory and US geodetic practice, as the now established space geodetic techniques were just coming into blossom at that time. After a period of work as a researcher in Munich, first with the German Geodetic Research Institute and then with the Geodetic Commission of the Bavarian Academy of Sciences and Humanities, he was appointed Professor of physical geodesy at the Delft University of Technology, where he served for 13 very fruitful years. In 1993, he was appointed Professor and Head of the Institute of Physical and Astronomical Geodesy at the Technical University of Munich, where he served until his retirement in 2011.



### 2019: Christoph Reigber

Christoph Reigber was born in 1939 in Breslau, in today's Poland. He completed his Diploma in Geodesy in 1965 at the Technical University Munich (TUM). In 1969, he finished his doctoral thesis at TUM, and obtained his Habilitation there in 1974. His subsequent university career included Professor in the Department of Astronomical and Physical Geodesy, TUM, 1982-1992, and at the Institute of Earth and Environmental Sciences, Potsdam University, 1993-2004. Christoph was Director of the Department “Theoretical Geodesy” at the German Geodetic Research Institute (DGFI) in Munich in 1980-1992, and Director of the Department “Geodesy and Remote Sensing” of the GeoForschungsZentrum (GFZ) in Potsdam 1992-2004. During this period, Christoph had major influences on international scientific activities. His extraordinary leadership of numerous projects and several institutions, over a period spanning four decades, best exemplifies Christoph's most significant contributions to the IAG and geodetic science.