

# **ISPRS**

**2012**

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## OBITUARIES

### HANS GEORG JERIE (1929 - 2008)



On 30<sup>th</sup> July 2008 Hans Georg Jerie died at the age of 79. Hans Jerie was born on 2<sup>nd</sup> July 1929 in Bludenz, Austria. He has a daughter Helga and a son Mischa.

He graduated from the “Fakultät für Angewandte Mathematik und Physik, Abteilung für Vermessungswesen of the Technische Hochschule” in Vienna in 1951. After graduation he joined the Photogrammetric Division of the Federal Survey Department of Austria of which Professor Dr. Karl Neumaier was head. Jerie’s first contact with the ITC was when he shortly joined ITC in the Netherlands from 1953 and 1954, in that period he distinguished himself by writing a brilliant article on numerical relative orientation in mountainous terrain.

In March 1954 he successfully defended his doctor’s thesis at the Technische Hochschule of Vienna. In 1955 and 1956 he was assigned to Wild, Heerbrugg, Switzerland where he was involved in technical training for the staff of the survey departments in Egypt and Iran.

He joined ITC again shortly from 1956 to 1958 and definitely in 1963. Then he developed the ITC-Jerie analogue computer for block adjustment and spent two years demonstrating it in various countries. One student, after having used this analogue computer said “Jerie is a genius but how can I convince my country to spend so much money for what seems to be nothing else but parts of a Meccano set and some rubber bands”.

In August 1967 he was appointed as the first Professor in Photogrammetry and Head of the Photogrammetry Department at ITC. His inaugural address entitled “From Photogrammetry to Photogrammetric Systems” emphasised the necessity of a systematic approach to the scientific problems with which Photogrammetry was confronted.

He had an active and quick mind, with a very keen interest in models and problem solving, creating many new ideas. As Head of Photogrammetry he established Consulting and Research units. In the 1970s he was an initiator of the ITC-Journal (now the International Journal of Applied Earth Observation and Geoinformatics, JAG). This Journal was meant to keep in touch with the ITC alumni and to inform them of the latest advances in their respective fields of interest.

Jerie’s interests were not limited to the ITC but extended to ISPRS and the European Organisation of Experimental Photogrammetric Research (OEEPE), now called EuroSDR.

He served ISPRS in various functions. He was Secretary of Commission IV from 1968 to 1972 and co-organised the Committee’s Symposium in Delft in 1970. From 1980 to 1984 he served as the ISPRS Council’s Treasurer and was also Chairman of the Working Group IV/1 on Cost Models of Mapping Processes. He was Chairman of the Financial Committee from 1984 to 1988. He was also instrumental in introducing the Post Congress Seminars at the ITC.

Also in the OEEPE he held various positions and produced many reports and proposals. He became a member of the Executive Bureau of the OEEPE in 1971 and was involved in the reorganisation of the OEEPE itself and its research activities. He became president of the commission dealing with fundamental problems in Photogrammetry in 1979.

After retirement from the ITC in August 1989 Jerie’s fertile and active mind pursued with enthusiasm other problems, such as that of in-car navigation systems. These efforts were overtaken though by the recent commercial developments. He was also busy in many other fields and had patents for many designs.

He will be remembered affectionately as a modest man who was very highly respected internationally by his friends and colleagues and by his students at the International Institute for Geo- Information Science and Earth Observation (ITC).

## HANS KNOOP (1935 - 2009)

On October 8, 2009 Prof. Hans Knoop passed away unexpectedly at an age of 74.

In his professional community and in his international circle of friends he leaves a void.

He was born on January 18, 1935 in Magdeburg, Germany and spent his youth and schooling in Celle near Hannover in the State of Lower Saxony.

In 1955 he enlisted as student of geodetic engineering at the University of Hannover.

He graduated as a surveying engineer in 1960 and entered the state service of the Survey and Cadastral Administration, in which he served in various functions during his career: first in the introduction of computer technology in the administration, later as director of the largest State Cadastral Survey Office in the City of Hannover from 1972 to 1988 and from then on until his retirement from service in the year 2000 in the Ministry of Interior of the State of Lower Saxony.

Since his University graduation in 1960, he continued his academic interests. In 1970 he completed his doctorate at the University of Hannover with a dissertation on electronic tacheometry, preparing the use of the Zeiss RegElta for a state wide use in the survey administration of Lower Saxony.

Since the 1970's, he participated in relevant standardization committees of the German Standardization Organization DIN. In the 1980's he represented Germany in the European Standards Organization CEN, and was one of the early members of the International Standardization Committee ISO/TC 211 when it was founded in 1992. He continued these

activities until his untimely death in 2009. He represented ISPRS in the standardization committees in the field of geoinformatics.

Within the State Survey Administration of Lower Saxony he persuaded the authorities as early as in the 1970's to participate in international capacity building activities in relation to the cadastre and land registration. The efforts, supported by the German Technical and Economic Cooperation Agencies GTZ for projects and INVENT for professional training brought much more than 100 engineers from China, Sri Lanka and developing countries to Hannover. Hans coordinated these efforts. He was frequently invited to China, and the introduction to cadastral systems there shows signs of his activities. In 1988 he was made Honorary Professor of the largest Chinese University in the field, the University of Wuhan.

His wide spread personal international network of contacts, which he built up through his activities in ISO, in technical cooperation activities and as international consultant for the European Union were witnessed by the many letters of condolences, which were received from China, Malaysia, Korea, Poland, Saudi Arabia, the USA and the Russian Federation.

These acknowledged Hans Knoops's high standing as a professional, his diligent and his admirable concern for professional matters paired with his personal warmth.

We all lost a good man and a good friend.



## JÖRG ALBERTZ (1936 - 2010)

The German Society for Photogrammetry, Remote Sensing and Geoinformation grieves over the loss of its honorary president. With his passing we lose a very impressive personality of our Association, a generous man and a valued friend.



As long-time editor of our professional journal, board member, president and honorary president, Jörg Albertz directed and achieved an extraordinary development of our Society with great prudence and competence, high personal involvement and human qualities.

Jörg Albertz is a role model for us all. In awe we bow to his achievements and pay our last respects in deep sorrow. He will remain unforgotten for us and we will always treasure his memory.

### ROBERT “BOB” MOSES (1948 - 2010)

Dr. Robert Moses, known by many as Dr. Bob served as President and CEO of PCI Geomatics from 1990 until his death on May 3, 2010.

Bob Moses obtained his B.Sc. (1968) and M.D. (1973) degrees from the University of Toronto. After several years of practicing emergency medicine in Toronto, he developed an interest in artificial intelligence and expert systems. In 1979, he founded Syntronics, a company whose artificial intelligence-based composer synthesizer, the McLeyvier, was awarded a Canadian Design Award of Excellence in 1982. In 1987, Bob Moses became actively involved with PCI Inc. He became president in 1990, and led PCI away from proprietary, hardware-based systems to non-proprietary, open systems software development. Under his leadership, PCI Geomatics grew from a single office, single product company, into one of the world's top Geomatics solution providers.



In addition to leading PCI Geomatics, Dr. Robert Moses engaged in development and technology work through advisory positions to several government bodies. At the time of his death, he was: Member of the Board of Directors of Open Geospatial Consortium (OGC), Chairman of the Global Advisory Council for OGC, Board of Trustees for International Society for Photogrammetry and Remote Sensing (ISPRS), Vice Chair of Ontario Centres of Excellence (OCE), Conference Board of Canada - Leaders' Panel on Innovation-Based Commerce and a member of the York University Advisory Board (Engineering).

### VLADISLAV KONSTANTINOVICH LVOV (1933 - 2011)

Vladislav Konstantinovich LVOV, the oldest employee of the Design and Research Institute for Engineering Survey in Construction, advisor to the General Director, Candidate of Technical Sciences, scientific consultant died in the 78<sup>th</sup> year of life on April 29, 2011.

Vladislav Konstantinovich LVOV was born in Moscow in 1933. He had worked at the Design and Research Institute for Engineering Survey in Construction since the first days of its Foundation, beginning with the position of a senior technician up to Productions Manager, Head of integrated surveying expeditions (to various regions of the country and abroad (Western Siberia, the Caucasus, Tajikistan, the Polar Ural, Guinea, Mongolia, Afghanistan, Nigeria, China). He had more than forty scientific papers published, been the co-author of several national and departmental normative documents in the field of engineering survey.

V. K. Lvov participated actively in the work of the International Society for Photogrammetry and Remote Sensing and represented Russia in the International Committee for Architectural Photogrammetry



(CIPA). Vladislav Konstantinovich LVOV was rewarded for his merits with high governmental and departmental awards. Vladislav Konstantinovich had been an excellent specialist, a man of high culture and great tact, who enjoyed universal love and respect of the colleagues.

### DAVID TAIT (1943 - 2011)

David Tait died on Wednesday July 20th, 2011, aged 68. He was born, in 1943 in Falkirk, West Lothian, Scotland, attending schools there, and becoming Falkirk High School captain (head-boy) in 1960. He read Geography from 1960-1965 at the University of Glasgow, and within that programme was introduced, by Gordon



Petrie, to Photogrammetry and other aspects of Surveying and Mapping. These fired his imagination. Going to ITC (then the International Training Centre for Aerial Survey, but now the Faculty of Geo-Information Science and Earth Observation of The University of Twente) in the Netherlands, on a NATO scholarship, following his Glasgow graduation, he completed a one-year postgraduate programme in Photogrammetry. He was invited to remain at ITC, as a Scientific Assistant, but also quickly became involved in editing that institute's world renowned lecture notes series.

David found his three years in ITC extremely happy and rewarding, but in 1968 was invited to return to The University of Glasgow, as an Assistant Lecturer, to help in the launching of the new B.Sc. in Topographic Science, with Gordon Petrie, John Keates, Alan Brown and Barry Methley. This was the beginning of a thirty-year career at Glasgow University, which saw him promoted to Lecturer, Senior Lecturer and Senior Adviser of Studies. It is this last role that he will be remembered by very many students, even beyond Geomatics, as his care for them was exemplary. His main teaching responsibilities were in the areas of Photogrammetry and Remote Sensing, but he also shared land surveying teaching with other colleagues, including Ian Gordon and Barry Methley, administered the postgraduate programmes with John Shearer and gave specialist courses in Civil Engineering and Archaeology. Many of his students now hold very good positions in the world of mapping and remember well his enthusiastic organization of field survey expeditions throughout the British Isles and Europe. Through the auspices of the British Council he was seconded to teaching duties in Sudan, Egypt, Trinidad and Australia. Within Geomatics his research was focused on close range photogrammetry, and he was responsible for recording, in meticulous detail many of Glasgow's historic Alexander "Greek" Thomson buildings; he was also involved in supporting archaeological and coastal erosion studies. He has published in all three areas.

While at Glasgow University David Tait was elected to the Council of the Photogrammetric Society serving twelve years over four terms. During this period he also further utilised the editorial skills originally displayed at ITC, by becoming news editor of the ISPRS Journal of Photogrammetry and Remote Sensing and then its Editor-in-Chief, from 1991-1997. As a supervisor the careful editing of his supervisees' work deserves the greatest praise. Following his retirement from Glasgow University, in 1998, David carried out the vitally important task of providing the Index (both volume-by-

volume and cumulative since inception) for The Photogrammetric Record and further supported the photogrammetric community through his company Giffnock Editorial Services (GES), formed in 2000. GES specialized in helping non-native English speakers prepare scientific papers, and had a wide network of clients. During this period he was also instrumental in setting up the Glasgow Group of the Society of Editors and Proofreaders. Although beset with ill health, David continued his editorial functions to within a few weeks of his death.

Beyond his professional life, David married in 1974 and his children, Elizabeth and Shona, were born in 1979 and 1983 respectively. A keen scout as a teenager (becoming a Queen's Scout in 1960), this interest was carried into adult life. His children were active members of the Harlequin Theatre for Youth and David took on behind-the-scenes support responsibilities with great enthusiasm. Another community responsibility that he shouldered was his membership of the East Renfrewshire Children's Panel (Children's Panels are part of the Scottish justice system, replacing magistrates in dealings with children and young people under 16). David's hobbies tended to be active: hill walking, badminton, fishing, gardening, cooking and most recently mountain biking. The foci of many of these activities were Tayvallich (in Argyll and Bute), the Alps and Aviemore (in the Cairngorms) where the family owned a holiday home.

David died following illness philosophically borne. His funeral, on Tuesday 26th July, at Linn Crematorium, Glasgow, was extremely well attended and included many members of the photogrammetric community. He is survived by his wife Jenny, two daughters and three brothers. He will be greatly missed.

### HANS-KARSTEN MEIER (1925 – 2011)

On the 5th of August 2011 Prof. Dr. HANS-KARSTEN MEIER died unexpectedly at the age of 85. After his second hip replacement and successful rehabilitation he was about to return home when he passed away during the night. Together with his wife and the families of his two sons many friends and colleagues attended the funeral to say farewell in his home village of Koenigsbronn near to Oberkochen.



Born in 1925, H.-K. MEIER grew up in Cuxhaven at the mouth of the Elbe River and was recruited to World War II while still a schoolboy. Consequently it was 1948/49 before he could finish school with the

university entrance diploma and start studying geodesy at Hanover University. At this time the situation in German universities was still anything but normal. After passing the examinations in the spring of 1953 he became an assistant to Prof. RICHARD FINSTERWALDER in Munich. In only two years he finished his doctoral thesis on the deflection of the vertical in high mountains. In July 1955 KURT SCHWIDEFSKY, at that time head of the "Bildmess-Abteilung", engaged him for the development of photogrammetric instruments at CARL ZEISS in Oberkochen.

No other person after WW II influenced and guided the development of aerial mapping cameras as much as MEIER. His focus was on the continuous improvement of the image geometry and image quality of the overall taking process while considering the need for a higher

angle of aperture and for colour photography. In support of this work he wrote and presented many scientific papers. Besides the RMK family of cameras he played a major part in the design and development of the PSK precision comparator and the GIGAS-ZEISS Orthoprojector. When he took overall technical responsibility for the geodesy (Geo) and photogrammetry (Bms) department in November 1968, he had to pass his beloved scientific and laboratory work to his younger colleagues and concentrate on management and strategy. During the 1970s and 1980s he took the right decisions with respect to the optimization and extension of the total station family in "Geo", the entry into and refinement of the analytical stereoplotter and orthoprojector in "Bms", and the completion of the line of aerial reconnaissance cameras.

In February 1981 HANS-KARSTEN MEIER became one of two divisional managers for the Surveying Division, being collectively responsible for the overall economic success of the geodetic and photogrammetric activities at CARL ZEISS in Oberkochen. Besides his management obligations, he still found time for scientific activities and for keeping contacts to the photogrammetric profession. Between 1969 and 1987 he co-managed, together with FRITZ ACKERMANN, the world renowned Photogrammetric Week jointly organized by Stuttgart University and Carl ZEISS. Beginning in 1972 he lectured at Stuttgart University where in 1978 he was appointed honorary professor. His

outstanding expertise resulted in his appointment to positions in, or on to the board of, several national and international organizations including DIN/ISO, FIM, DLR, ESA and DGPF, and in his authorship of more than 100 publications.

For his meritorious contribution to the photogrammetric profession he received the TEAM ACHIEVEMENT AWARD of ESA in 1984, the ALBRECHT-MEYDENBAUER-MEDAL of DGPF (Deutsche Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation) in 1986, Honorary Membership of the British Remote Sensing and Photogrammetry Society (RSPSoc) in 1988 and Honorary Membership of the DGPF in 1990.

After his retirement in April 1986 he continued to work for photogrammetric standardization for another decade. He also fulfilled his long-term dream and obtained a private pilot licence. After his longstanding hobby of sailing with yachts off shore he was now able to explore the third dimension without photogrammetry but with his own motorized glider.

HANS-KARSTEN MEIER was internationally respected and well known for his characteristic sense of humour. He enjoyed actively discussing professional matters and commenting on current affairs and the events of the day with common sense. The photogrammetric community will miss a valuable member and friend.

### **TUAN-CHIH CHEN (1943 - 2011)**

It is with deep sadness that I share with you the unexpected passing of Prof. Tuan-Chien. He died in an accident after Christmas, 2011. He was the ISPRS Calendar Editor since 2000.

His son, Yen-Fu Chen, informed me that he studied civil engineering to a Master's degree in Taiwan. He spent a few years studying in Germany and also worked in Saudi Arabia for a couple of years during his main academic career in the Chung Chen Institute of Technology. He has been actively involving in various societies in Taiwan such as The Chinese Geoinformatics Society, the Chinese Society of Photogrammetry & Remote Sensing and Chinese Cartographic Association and promoting their links with the ISPRS. He was WG VI/1 Co-Chair (1992-1996) and WG VI/4 Chair (1996-2000). When I became Technical Commission VI President in 2004, he was the first person who came to me to express his willingness to help me on running the Commission. I asked him to become WG VI/4 Chair

and we worked together for four years. He was always active on utilizing internet within the frame work of ISPRS. His work as the Calendar Editor was always very prompt and precise. In the end of last year, I send an e-mail to him asking to check the ISPRS Calendar. It was a pity that the reply came from



his son informing about his sudden death. Tuan was always smiling and kind to others. He was well known for taking his wife, Chiu-ai Lin, with him when attending the ISPRS and ACRS conferences organized in various locations around the world. We always enjoyed their joyful presence. The photo below is the last greeting card I received from him one year ago. Let us pray for the repose of his soul.

### MYRIAM ARDILA TORRES (1953 - 2011)

Myriam Ardila Torres passed away on November 14, 2011.

Myriam was since 2008 a member of the ISPRS Financial Commission and ISPRS Regional Representative for South America.



### IAN HARLEY (1932 – 2011)



The death occurred in Brisbane on 25th February, 2011 of Ian Allan Harley. Ian obtained his Ph.D. at UCL in 1962, under professor E H Thompson and went on to become Reader and Head of Department of Surveying, University of

Queensland. In 1969 he was awarded a research fellowship by the Alexander von Humboldt Foundation which enabled him to spend 12 months with Professor Ackermann at Stuttgart. In 1982 he returned to UCL to take the position of Head of Department and Professor of Photogrammetry and Surveying. He retired in 1997. He was Book Review Editor of ISPRS Highlights from 1998 – 2004.

### GEORGE ZARZYCKI (1925 - 2012)

On June 15, 2012 George Zarzycki, a prominent photogrammetrist, who had become ISPRS Fellow in 2010, passed away.

George was born in Poland, received his M.Sc.-Eng. (geodesy) from the Warsaw University of Technology in 1948 and Doctorate of Technical Sciences (photogrammetry) from the Swiss Federal Institute of Technology (ETH) in Zurich. He worked at the Institute for Photogrammetry, ETH, under Prof Zeller and at WILD Heerbrugg. In 1940 developed a graphical interpolation method of adjusting aerial triangulation which was adopted in many countries. In 1952 he accepted the position of post-doctorate fellow at the National Research Council of Canada in Ottawa. In the period 1953-66 George worked with Canadian Aero Service as chief engineer and then executive vice president. In 1966 he co-founded Terra Surveys Ltd, and served as Vice President then President until 1974 when he accepted the position of Director, Topographical Survey of Canada. In 1985 he retired from the Federal Public Service of Canada and joined the Ontario Ministry of Natural Resources as Director Surveys Mapping and Remote Sensing Branch, a position he held until retirement in February 1991.

He was visiting professor of photogrammetry at Laval University in Quebec City 1969-1975. George is active as a consultant in geospatial information management. During his professional career, George directed the

acquisition and management of geographic information, photogrammetric mapping, remote sensing, railway location, geodetic and resource surveys in Canada, South America, Africa, the Middle East, Australia and the Caribbean. George has lectured at professional and scientific conferences and



authored over 90 papers. Starting with the ISP Congress in Stockholm in 1957 he attended all ISP/ISPRS Congresses until 2000. In ISPRS he was President of Technical Commission IV from 1976-1980 and 1st Vice- President for two terms 1980-1988. In the American Society of Photogrammetry and Remote Sensing, he was President 1981-1982, 1st vice-president 1980-1981 and 2nd vice-president 1979-1980. In the Canadian Institute of Geomatics, he was President 1972-1973, Vice president 1970-1972. He is Honorary member of The Canadian Institute of Geomatics, Fellow of The Canadian Academy of Engineering, Honorary member of The American society of Photogrammetry and Remote Sensing, recipient of the Thomas M. O'Malley Award of the Canadian Geomatics Industry Association, Honorary Professor at the Warsaw Technical University, and Recipient of Officer's Cross of the order of Merit of the Republic of Poland.