



Prof. Dr. A. Gruen
Photogrammetry and Remote Sensing
Institute of Geodesy and Photogrammetry
ETH-Hoenggerberg, CH-8093 Zurich
Phone: + 41 1 633 3038, Fax: + 41 1 633 1101
e-mail: agruen@geod.baug.ethz.ch

Prof. Dr. Armin Gruen is since 1984 Professor and Head of the Chair of Photogrammetry at the Institute of Geodesy and Photogrammetry, Federal Institute of Technology (ETH) Zurich, Switzerland. He graduated 1968 as Dipl.-Ing. in Geodetic Science and obtained his doctorate degree 1974 in Photogrammetry, both from the Technical University Munich, Germany. From 1969 to 1975 he worked as Assistant Professor, and until 1981 as Associate Professor at the Institute of Photogrammetry and Cartography, Technical University Munich. From 1981 to 1984 he acted as Associate Professor at the Department of Geodetic Science and Surveying, The Ohio State University, Columbus, Ohio, USA.

Prof. Gruen has held lecturing and research assignments at the University of Armed Forces, Munich, Germany, Helsinki University of Technology, Finland, Università degli Studi di Firenze, Italy, Stanford Research Institute, Menlo Park, USA, Department of Geodesy, Technical University Delft, Netherlands, Asian Institute of Technology (AIT), Bangkok, Thailand and at the Department of Geomatics, University of Melbourne, Australia. He has lectured at University level since 1969, with photogrammetry and remote sensing as major subjects, and surveying, cartography and adjustment calculus as minor subjects.

He served as the Head of the Department of Geodetic Sciences 1996-97 and as the Dean of Faculty "Rural Engineering and Surveying" of ETH Zurich (1996-98). He is promoter and Director of the Postdiploma Course "Spatial Information Systems" at ETH Zurich. Through the Commission for Remote Sensing he is Member of the Swiss National Academy of Natural Sciences. He is Member of the Editorial Boards of several scientific journals. He has published more than 200 articles and papers and is Editor and Co-editor of fifteen books and Conference Proceedings. He has organized and co-organized/-chaired over thirty international conferences and he has served as a consultant to various government agencies, system manufacturers and engineering firms in Germany, Japan, Switzerland, USA and other countries.

He is co-founder of CyberCity AG, Zurich, Switzerland.

He served as the President of ISPRS Commission V (ISPRS...International Society of Photogrammetry and Remote Sensing), as ISPRS Council Member (Second Vice President) and Council Member of IUSM (International Union of Surveys and Mapping) and as Chairman of the ISPRS Financial Commission. He is currently Chairman of the ISPRS International Scientific Advisory Committee (ISAC) and the President of the Swiss Society for Photogrammetry, Image Analysis and Remote Sensing (SGPBF).

His major international awards and honors include the Otto von Gruber Gold Medal (ISPRS, 1980), Talbert Abrams Award Grand Trophy (ASPRS, 1985 and 1995), with Honorable Mention 1989, Fairchild Award (ASPRS, 1994), Miegunyah Distinguished Fellowship Award of the University of Melbourne, 1999, ISPRS U.V. Helava Award 2000, E.H. Thompson Award 2005, the Corresponding Membership of the German Geodetic Commission, Munich, Honorary Professorships of the Wuhan Technical University of Surveying and Mapping, Wuhan, China and Yunnan Normal University, Kunming, China, Honorary Member of the Japan Society of Photogrammetry and Remote Sensing.

His main current research interests include: Automated object detection and reconstruction with digital photogrammetric and videogrammetric techniques, building and line feature extraction, 3D city modeling, image matching for DTM generation, Three-Line Linear Array sensor and panoramic camera modeling, triangulation and network analysis, industrial quality control using vision techniques, motion capture and face reconstruction for animation, imaging techniques for generation and control of VRs/VEs, 3D cloud mapping and tracking, Cultural Heritage recording and modeling.