Curriculum Vitae — Konrad Schindler

June 17, 2021

Research Interests

computer vision, photogrammetry, remote sensing, image analysis, earth observation

Education

10/1995 – 03/1999	**MEng** (*Dipl. Ing.*) in Photogrammetry & Geoinformation, Vienna University of Technology
02/2001 – 11/2003	**Ph.D**. in Computer Science (*Telematik*), Graz University of Technology

Employment

04/1999 — 02/2001	**engineer**, ARGE Digitalplan, Graz, photogrammetric and GIS engineering
02/2001 — 02/2003	**research assistant**, Computer Graphics & Vision, Graz University of Technology
05/2004 — 12/2006	**postdoctoral researcher**, Digital Perception Lab, Monash University, Melbourne
02/2007 — 03/2009	**postdoctoral researcher**, Computer Vision, ETH Zurich
04/2009 — 08/2010	**assistant professor** (*Juniorprofessor*), Computer Science, TU Darmstadt
since 09/2010	**professor** (tenured), chair of Photogrammetry and Remote Sensing, ETH Zurich

Memberships and Awards

since 04/2005	**member / senior member**, IEEE
04/2009	**ICRA Best Vision Paper Award**, IEEE Robotics and Automation Society
since 10/2010	**elected member**, Commission f. Remote Sensing, Swiss Academy of Sciences
08/2012	**U. V. Helava Award** (Best Paper in IJPRS Journal in the period 2008-2011)
12/2013	**Marr Prize** (ICCV Best Paper) **Honourable Mention**, IEEE Computer Society
02/2015	**PIA Best Paper Award**, Int'l Soc. of Photogrammetry and Remote Sensing
since 05/2015	**member**, ETH — Max Plank Center for Learning Systems
06/2018	**Technical Comm. II Best Paper Award,** Int'l Soc. of Photogrammetry and Remote Sensing
10/2018	**GCPR Best Paper Honourable Mention**, German Assoc. for Pattern Recognition
06/2019	**ISPRS Journal Best Paper of the Year** 2018
09/2019	**3DV Best Paper Honourable Mention**, IEEE
05/2020	**Frederick Doyle Award**, ISPRS (awarded every 4 years to one person under 50 years)

Research Supervision

15 doctoral students graduated as main supervisor (3 ETH medals), 3 as co-supervisor; 14 ongoing doctoral thesis;
Supervisor for >50 Bachelor and Master theses

Publications

56 journal papers, 127 refereed conference papers, >17'000 citations, h-index 69 (according to Google Scholar)
For details, please see https://scholar.google.com/citations?user=FZuNgqIAAAAJ&hl=en&oi=ao

Teaching

since 2004, regular teaching activities at bachelor and master level (at present ca. 2 courses / semester)
subjects taught: computer vision, image analysis, machine learning, photogrammetry, image metrology

Academic Duties

Director of Studies	Curricula Geospatial Engineering (BA) and Geomatics (MA), since 2020
Head of Institute	Institute of Geodesy & Photogrammetry, ETH Zurich, 2012-2020
Commission President	Int' Society for Photogrammetry and Remote Sensing, Technical Commission III, 2012-2016
Grant Reviewer (selection)	Australian Research Council, Deutsche Forschungsgemeinschaft, Swiss National Science Fund, Singapore National Research Foundation, Netherlands Organisation for Scientific Research, Belgian Federal Science Policy Office, Croatian Science Foundation
Editorial Work	Associate Editor, ISPRS Journal of Photogrammetry and Remote Sensing, 2012-2020 Associate Editor, IEEE Transactions on Pattern Analysis and Machine Intelligence Regular Reviewer for IJCV, TGRS, PR, HESS, …
Programm Committees (selection)	Program Chair ACCV 2018; Local Arrangements Chair ECCV 2014; Conference Director PCV 2014; Publications Chair ICIP 2013; Area Chair of CVPR, ICCV, ECCV since 2013

Research Grants

since 2010, >25 grants as principal (co-)investigator (SNF, KTI, federal offices, private industry, …), sum >6 Mio. CHF

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