



ULRIKE HERBIG

Address: Ahornergasse 7/3/8,1070 Wien, Austria, Europe

Mobile: +43 (0) 664 505 31 74

Email: ulrike@herbig.at

Skype: ulli_herbig

Date of birth: 14/04/1968

Nationality: Austria

Family: Daughter Victoria, born 03/02/1990, son Felix, born 13/10/1994

EDUCATION

- 2001 PhD in Photogrammetry and Remote Sensing at the Vienna University of Technology
Title of the thesis: APIS Architectural Photogrammetric Information system
- 1995 Diploma in Geodesy
- 1986 -1995 Studies of Geodesy at the Vienna University of Technology with a focus on photogrammetry and remote sensing

ACADEMIC WORK

- Since 2009 Project Assistant
Vienna University of Technology, Institute of History of Art, Building Archaeology and Restoration
Project Management coordination of 30 team members in 4 projects
- 2007-2008 Assistant Professor
Vienna University of Technology, Institute of History of Art, Building Archaeology and Restoration
Teaching
- Since 2002 Secretary general
Institute for Comparative Research in Architecture IVA-ICRA
Project Management, Head of the publishing company IVA-ICRA
- 1996 -2002 Freelance Researcher
Main client: Scientific Society for Archaeology Vienna
Digitizing historic maps of Vienna

WORK

- 1996-2010 Freelance work for event companies
Teamfactory, Eventcompany, DMG Ges.m.b.H.
EDV-Support, data management, event coordination, graphics, back office
- 2006-2007 Office administration
Bureau Veritas Vienna
office administration, development of a new data management system
- 1985 – 2001 Freelance work for architects and civil engineers
e.g. G&S Bau Ges.m.b.H., Wien, Antonio Bandari, Pisa
Building survey, drawing plans, supervision of construction sites
- 1997-2000 Teaching: Surveying on construction sites
WIFI Wien, Lehrbauhof Guntramsdorf
Setting up the curriculum and teaching
- 1995-1997 Advertisement management
Cabaret journal „Klein&Kunst“
management of the sale of advertisements
- 1990-2002 Teaching radio speech for pilots
Mag. Peter Widhalm
courses in theory and practical training
- 1986 - 1990 Internship
Vermessungsamt Eisenstadt
general work
- 1985 – 1988 Management
Airfield Trausdorf
Management of weekend traffic, accounting

RESEARCH TOPICS

Interdisciplinary recording and documentation of architecture
Multimedia and GIS
Public participation for the recording of cultural heritage
Interrelation between natural and built environment
Traditional architecture in European and non-European regions
Simple methods for photogrammetric recording of architecture
Innovative recording methods

FIELD RESEARCH

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|------------------|---|
| Southeast Asia: | Indonesia: Java (2013, 2012, 2011, 2005); Nias (2013, 2012, 2011, 2005, 2003, 1989); Bali (2013, 2012, 2011, 2004, 1994); Sumatra (2003, 1989); Malaysia (1989); Thailand (1996). |
| Oceania: | Samoa (2002); Fiji (2002); New Zealand (2002, 1995). |
| Asia (mainland): | Azerbaijan (2010, 2009,2008); Georgia (2007); Beijing /China (2007); Armenia (2007); Saudi Arabia (2012, 2011, 2008); Nepal (2013, 2006, 1996); India (2010, 1996); Iran (1996), Oman (2011). |
| Africa: | Egypt (2010, 2002, 1992); Ethiopia (2011); Niger (2009), Namibia (2009); Morocco (2006, 1991); Tunisia (2005, 2003); Uganda (2003). |
| America: | Brasilia (2001); Southwestern USA (1992). |

MEMBERSHIP IN ORGANISATIONS

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|------------|---|
| Since 2013 | GOSA (Gesellschaft für Österreichisch-Saudi Arabische Kooperationen ()): President |
| Since 2009 | WISIA - Women in Science - an Interdisciplinary Association |
| Since 2002 | ICRA (Institute for Comparative Research of Architecture): since 2002 secretary general |
| Since 1997 | ICOMOS (International Committee for Monuments and Sites) Austria |
| Since 1996 | CIPA (International Committee for Documentation of Cultural Heritage) |

PERSONAL SKILLS

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|----------------|---------------|---------|--------------------|-------------------|---------|
| Mother tongue | German | | | | |
| OtherLanguages | UNDERSTANDING | | SPEAKING | | WRITING |
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | Perfect | Perfect | Good | Good | Good |
| French | Average | Average | Poor | Poor | Poor |
| Kroatian | Good | Good | Average | Average | Good |
| Russian | Average | Average | Poor | Poor | Poor |
| Italian | Average | Average | Poor | Poor | Poor |
| Indonesian | Average | Average | Poor | Poor | Poor |

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| Social skills | Team work: gained through my project work. Mediative skills: necessary in the work with interdisciplinary research teams and in the fieldwork cooperating with NGO's, administration, stakeholders and house owners Patience: gained through the process of applying for funds and waiting for the decisions and in the negotiations with customers |
| Communication skills | Excellent communication skills gained through my experience in my project with people of different nations and various professional backgrounds |
| Organisational skills | Excellent organisational skills gained through the application for funds, the management of projects and the administration of a non governmental research institute (ICRA-IVA) |
| Job-related skills | Profound expertise in building survey and the processing of research data and its dissemination |
| Computer skills | perfect command of Microsoft Office™ tools perfect command of Adobe™ products (especially Photoshop, Premiere, Indesign) good command of AutoCAD good command of Final Cut Pro good command of SAP good command of Wordpress average command of QGIS on Windows and Mac operating systems |
| Other skills | Project management gained in practice and in courses Systemical-solution oriented coaching gained though a course in 2010 and practiced in the frame of my project work |
| Driving licence | A+B+E |

RESEARCH PROJECTS

- 2011-2014 Building Archaeology of the Maiden Tower, Baku
funded Administration of the Old Town of Baku
Project Coordination
- 2012-2013 Education and Social Center TIBIRI, Niger
funded by the Initiative Maradi, Austria
Project Leader
- 2011-2013 TRABASA – Traditional Architecture – Building Survey in Saudi Arabia
funded by the King Abdul Aziz University Jeddah, Saudi Arabia
Project Leader
- 2011-2013 ASSIP Architecture, Space and Society in Post disaster Built Environments in Indonesia
funded by the FWF, Austrian Science Fund (P22898)
Project Coordination – Architecture
- 2005-to date Traditional Architecture on Nias. Cooperation with P. Gruber,
funded by the Vienna University of Technology,
Project Coordination
- 2009-2012 TransEcoNet Transnational Ecological Networks
funded by European Union-Regional Development Fund
Sub-Project Leader
- 2003-to date Comprehensive Documentation of the Architectural Cultural Heritage of Indonesia
funded private and by the Vienna University of Technology
responsible for the coordination of subprojects
- 2009 Recording of the Maiden Tower Baku, Azerbaijan
funded by a Azerbaijan private company
Project Coordination
- 2009 Recording of the viaducts of the Semmering Railway
funded by the ÖBB-Austrian Railway
Project Coordination
- 2007 Photogrammetric usable recording of Armenian churches in Armenia and Georgia
private funded
Project Leader
- 2002-2004 Cultural Heritages of Western Samoa and Fiji Islands.
Cooperation with E. Lehner (Vienna University of Technology) and
H. Mückler (Department of Social and Cultural Anthropology, University of Vienna)
funded by IVA-ICRA Institute for Comparative Research in Architecture
Project Coordination
- 1998-2003 Inventory of architectural buildings in Vienna.
Cooperation with the Institute for Preservation and History of Arts, Vienna University of
Technology.
- 1998-2003 Franciszeischer Kataster: Topochronological analysis of historic maps for the GIS of Vienna;
for the Scientific Society for Archaeology Vienna
Project partner
- 1995-2001 APIS Architectural Photogrammetric Information System
funded private and by the Vienna University of Technology
Project Leader

PROFESSIONAL SERVICES

- 2012-to date Monitoring for ICOMOS of the World Heritage Site Fertö - Neusiedler See
- 2011 Exhibition Mongolian Calligraphy
Vienna University of Technology, December 2–7, 2011
Head of organisation
- 2011 Symposium *Insular Diversity: Architecture – Culture – Identity in Indonesia*,
Vienna University of Technology, May 18–21, 2011
Head of organisation, scientific head: Prof. Erich Lehner
- 2009 Symposium *Along the Great wall – Architecture and Identity in China and Mongolia*;
Vienna University of Technology (May 17-19 2009)
Head of organisation, scientific head: Prof. Erich Lehner
- 2006 Symposium *Traditional Architecture and Art on Nias*,
a cooperation of the Institute for Comparative Research in Architecture, the Institute for History
and Research of Building (Vienna University of Technology) and the Museum of Ethnology Vienna
(30-31 October 2006)
Head of organisation, scientific head in cooperation with Dr. Petra Gruber
- 2003-to date Chief editor of the publication series of the ICRA (Institute for Comparative Research in
Architecture), Vienna.

TEACHING

- 2005 up to date Course for the recording and presentation of architecture
Topic is the use of the media film for the recording and presentation of architecture
30 master students per semester
results are available on the youtube channel "Architekturdokumentation und Präsentation"
<https://tiss.tuwien.ac.at/course/courseDetails.xhtml?windowId=db9&courseNr=251169&semester=2013S>
- 2009 up to date Course on Comparative history of architecture
Topic is the analysis of the interrelation between natural and built environment
20 master students per semester
<https://tiss.tuwien.ac.at/course/courseDetails.xhtml?windowId=c72&courseNr=251006&semester=2012W>
- 2009 up to date Excursion to Selected Objects in Architecture and Urbanism
Topic is the perception of the importance of architecture for cultural landscapes
30 master students per semester
<https://tiss.tuwien.ac.at/course/courseDetails.xhtml?windowId=c72&courseNr=251098&semester=2013S>

PUBLICATIONS

Edited Volumes

- 2007 *Das architektonische Erbe Samoas*. In cooperation with E. Lehner and H. Mückler (eds), Vienna: Neuer Wissenschaftlicher Verlag.
- 2009 *Traditional Architecture and Art on Nias, Indonesia*. In cooperation with P. Gruber (eds), Vienna: IVA.

Articles in Books / Journals

- 2013 (together with G. Weichart) Disaster Risk Management in Indonesia – Learning from the Impact of Relief Processes in the Proceedings of the UNESCO Symposium Revisiting Kathmandu, Safeguarding Living Urban Heritage, 25 to 29 November 2013 in the Kathmandu Valley World Heritage; Nepal, publication pending
- 2013 (together with C. Jäger-Klein, I. Mayer, H. Mortada, and G. Styhler-Aydın) TRABASA – Traditional Architecture Recorded by Means of Building Archaeology In Saudi Arabia: Workshop In Jeddah, in International Archives Photogrammetry Remote Sensing Spatial Information Science, XL-5/W2, 331-336, 2013
- 2012 Interdisciplinary Approaches to the Built Heritage and their Role for World Heritage Sites, in Research & Heritage: Researchpapers on Architectural Heritage, The Saudi Commission for Tourism and Antiquities, Dammam, 1434H, 2012, page 221-232
- 2012 (together with G. Weichart and J. Breuling) Gender roles and women's influence on traditional architecture and its development in Indonesia: a case study from Nias, in Research & Heritage: Researchpapers on Architectural Heritage, The Saudi Commission for Tourism and Antiquities, Dammam, 1434H, 2012, page 263-285
- 2012 (together with G. Weichart and F. Zamloyi) Vernacular architecture in post-disaster contexts of reconstruction in Indonesia, Proceedings of the HERITAGE 2012 – 3rd International Conference on Heritage and Sustainable Development, edited by Rogério Amoêda, Sérgio Lira and Cristina Pinheiro, Green Lines Institute, pp 1575-1590
- 2012 (together with G. Weichart) Searching for Tradition in Post-Disaster Architecture: A comparison between Nias and Yogyakarta, *Proceedings of the ICIAP 1st Biennale, International Conference on Indonesian Architecture and Planning*, Yogyakarta, 9-11 July 2012, 19 - 22 June 2012
- 2012 *Interactions of landscape and architecture – field reports from Central European border regions*, in the final publication of the TransEcoNet project, publication pending
- 2010 (together with F. Zamolyi) Reed as building material – renaissance of vernacular techniques. *Proceedings of International Symposium on Advanced Methods of Monitoring Reed Habitats in Europe*, Illmitz November 25, 2010.
- 2009 Documentation and Other Media. In: P. Gruber and U. Herbig (eds), *Traditional Architecture and Art on Nias, Indonesia*. Vienna: ICRA, pp 126-129.
- 2008 Photogrammetriegerechte Architekturdokumentation. In: F. Zamolyi and T. Szilágyi (eds), *Gesellschaft und gebaute Umwelt: Ausgewählte Beiträge aus der Sozialwissenschaft, Ethnographie und Architektur*. Vienna: ICRA, pp. 75-95.
- 2007 Alte Technik - Neue Methoden – Amateurphotogrammetrie. In: E. Lehner al. (eds), *Bautraditionen in Samoa*. Vienna: Neuer Wissenschaftlicher Verlag, NWV, Vienna, pp 376-411.
- 2006 (together with P. Gruber) Settlements and Housing on Nias Island: Adaptation and Development. In: TRANS URBAN (eds), *City Culture in Motion*, vol. 2, Vienna: ICRA, pp 70 - 87.
- 2006 (together with P. Gruber) Documentation of Traditional Architecture on Nias Island - Before and after the Disasters. In: *Kulturelles Erbe und Neue Technologien: Archäologie und Computer*. Proceedings of the 11. Internationale Tagung Kulturelles Erbe und Neue Technologien, Stadtarchäologie Wien; Workshop 11 Wien 2006, CD-Rom, ISBN 978-3-901232-87-9.
- 2005 (together with P. Gruber) Research on Environmental Adaptation of Traditional Building Constructions and Techniques in Nias. *The ISPRS - International Archives of the Photogrammetric, and Spatial Information Sciences*, XXXVI-5/C34: 1062-1067.

- 2004 (together with F. Zamolyi) Navalis - Providing the Base for a Village Development Tool in Navala, FIJI. *Proceedings of XXIst International ISPRS Conference*, July 12 - 21, Istanbul 2004, pp 18-22.
- 2003 (together with Zöhrer G. & Zamolyi F.) Recording the Cultural Heritages of Samoa and Fiji Island, The ISPRS International Archives of the Photogrammetric, and Spatial Information Sciences, Volume XXXIV-5/C15, ISSN 1682-1750, pages 76-80, 2003
- 2003 (together with Csaplovics E. & Saha K. A.) Our Natural and Cultural Heritage – Transformations, Collections, Creative Processes, The ISPRS International Archives of the Photogrammetric, and Spatial Information Sciences, Volume XXXIV-5/C15, ISSN 1682-1750, pages 368-371, 2003
- 2002 APIS – Architektur Photogrammetrie Informationssystem, Proceedings CultH2 - Die Zukunft des digitalen kulturellen Erbes, 13-15. January 2002, Vienna, on CD-Rom
- 2002 (together with Diekmann C.) World Heritage In Virtual Age-An Interdisciplinary Approach, Proceedings of "World Heritage In The Digital Age, Technology and New Media for Documentation, Preservation, Management, Sustainable Tourism and Education", Alexandria, Egypt, 21-23. October 2002, www.virtualworldheritage.org
- 2002 (together with Lehner E. & Rieger A.) Documenting the Architectural Heritage in Samoa and Fiji - An Interdisciplinary Approach, Proceedings of the Fifth Conference of the European Society for Oceanists (ESFO), "Recovering the Past: Resources, Representations, and Ethics of Research in Oceania", Vienna 4-6 July 2002, print is pending, available via <http://www.univie.ac.at/esfo-conference/contribute.htm>
- 2001 (together with Csaplovics E. & Börner W.) Time series of historical maps and plans for analysing local to regional structures of urban/rural change of natural/cultural heritage sites, Proceedings of the XVIII Symposium of CIPA in Potsdam, Germany Sept. 18 to 21, on CD-Rom, 2001
- 2001 APIS – ein Architektur-photogrammetrisches Informationssystem, Thesis at the Institute for Photogrammetry and Remote Sensing at the University of Technology, Vienna, 2001
- 2000 Teaching Amateur-photogrammetry, Proceedings of the Isprs Mid-Term Technical Commission VI Symposium, Bandung, Indonesia, 1999
- 2000 Dokumentation des kulturellen Erbes mit Hilfe der Allgemeinheit. - Sammlung, Administration Management und Datenzugriff über das Internet, CD-Rom, Forschungsgesellschaft Wiener Stadtarchäologie, Archäologie und Computer 2000, Workshop 5, 2000
- 1999 APIS - Architektur Photogrammetrie Informationssystem, Präsentation anlässlich der Global Village, TeleCity Wien, 25. - 29. März 1998
- 1999 (together with Gmeinhardt G. & Landerer M.) Administration examples for the usage of cultural heritage recordings, Proceedings of the XVII Symposium of CIPA in Olinda/Recife - Brazil, Oct 3 to 6, on CD-Rom, 1999
- 1999 Requirements for the Teaching of Photogrammetric Usable Recordings, Proceedings of the XVII Symposium of CIPA in Olinda/Recife - Brazil, Oct 3 to 6, on CD-Rom, 1999
- 1997 APIS. Architektur - Photogrammetrisches Informations-System. Arbeitsunterlagen für eine Projektarbeit an Schulen. Institut für Photogrammetrie und Fernerkundung der TU Wien, 28 Seiten, 1997
- 1997 (together with Waldhäusl P.) APIS - Architectural Photogrammetry Information System. XVI. International Symposium of CIPA, International Archives of Photogrammetry and Remote Sensing, Volume XXXI - Part 5C1B, S. 23 - 27, 1997
- 1996 (together with Csaplovics E. & Sindhuber A.) High Resolution Space Photography for Land use Interpretation and Thematic Update of Large Scale Orthophotos. International Archives of Photogrammetry and Remote Sensing, Volume XXXI, Part B4, Vienna, S. 200 - 205, 1996
- 1995 Die Nutzungsmöglichkeiten hochauflösender Weltraumphotographien für Interpretationsaufgaben im Raum Nationalpark Neusiedler See im Vergleich zu herkömmlichen Luftbildern, Diplomarbeit, Institut für Photogrammetrie und Fernerkundung, TU Wien, 1995
- 1994 (together with Sindhuber A.) Erfassung der Landnutzung mit Fernerkundungsaufnahmen für Umweltmonitoring im Nationalpark Neusiedler See. Österreichische Zeitschrift für Vermessung und Geoinformation, 82. Jahrgang, Heft 4, S. 412-413, 1994
- Films**
- 2012 Traditional Architecture of Jeddah -- The Door to Mecca, presented at the 18th Conference on Cultural Heritage and New Technology, Vienna, November 11-13, 2012, http://www.youtube.com/watch?v=QSR5K_fmNWg
- 2009 Visiting Baku, available on <http://www.youtube.com/watch?v=W0psOOZ5LOQ>
- 2008 Excursion to Saudi Arabia, available on http://www.youtube.com/watch?v=sv7eRQaP_JM
- 2005 *Architecture and Culture of Northern Sumatra and Nias.*, Documentary film (45 minutes), transmitted on 5th April 2005, 9 pm on Bayern Alpha Austria (ORF-cooperation), ISBN. 3-900265-04-6.
- 2003 *Südseearchitektur – Bautraditionen auf Samoa und Fidschi.* Together with A. Rieger; documentary film (45 minutes), transmitted on 18th Aug. 2003, 9 pm on Bayern Alpha Austria (ORF-cooperation) and on 26th June 2003 in the Schikaneder Cinema, Vienna.