

BIOGRAPHICAL SKETCH ALOIS HINTERLEITNER

PERSONAL INFORMATION

Name: Alois, HINTERLEITNER
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HIGHER EDUCATION

1985 – 1994 Dipl.-Ing., Computer Science with focus on Pattern Recognition and Image Processing, Computer Graphics and Vision, Technical University of Vienna, AUSTRIA

APPOINTMENTS/ POSITIONS

2012 - present Head of Software Development at the Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, AUSTRIA.
2010 - present Senior Researcher (Software Development) at the Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, AUSTRIA
1996 – present Senior Researcher (Geophysical Data Processing and Software Development) at the Central Institute for Meteorology and Geodynamics (Archeo Prospections), Vienna, AUSTRIA.
1994 – 1996 Development Computer Scientist, FWF Research Project: Development of a Magnetic Prospection System for Archaeology, University Vienna, AUSTRIA
1990 – 1992 Scientific Assistant at the Institute for Automation, Department of Pattern Recognition and Image Processing, Technical University of Vienna, AUSTRIA

SELECTED PEER-REVIEWED PUBLICATIONS (*most relevant to proposal)

Gaffney, C.; Gaffney, V.; Neubauer, W.; Baldwin, E.; Chapman, H.; Garwood, P.; Moulden, H.; Sparrow, T.; Bates, R.; Löcker, K.; Hinterleitner, A.; Trinks, I.; Nau, E.; Zitz, T.; Floery, S.; Verhoeven, G.; Doneus, M. (2012): The Stonehenge Hidden Landscapes Project. In: *Archaeological Prospection* 19 (2), 147-155. DOI: 10.1002/arp.1422

Schneidhofer, P.; Nau, E.; Hinterleitner, A.; Lugmayr, A.; Bill, J.; Gansum, T.; Paasche, K.; Seren, S.; Neubauer, W.; Draganits, E.; Trinks, I. (2016): Palaeoenvironmental analysis of large-scale, high-resolution GPR and magnetometry data sets. The Viking Age site of Gokstad in Norway. In: *Archaeological and Anthropological Sciences*, 1-27, online. DOI: 10.1007/s12520-015-0312-x

Trinks, I.; Neubauer, W.; Hinterleitner, A. (2014): First High-resolution GPR and Magnetic Archaeological Prospection at the Viking Age Settlement of Birka in Sweden. In: *Archaeological Prospection* 21 (3), 185-199. DOI: 10.1002/arp.1481

Hinterleitner, A.; Löcker, K.; Neubauer, W.; Trinks, I.; Sandici, V.; Wallner, M.; Pregesbauer, M.; Kastowsky-Priglinger, K. (2015): Automatic detection, outlining and classification of magnetic anomalies in large-scale archaeological magnetic prospection data. In: A. Rzeszotarska-Nowakiewicz (Hrsg.): *Archaeological prospection. 11th International Conference on Archaeological Prospection*. Warsaw, Poland, 15.-19.09.2015: The Institute of Archaeology and Ethnology, Polish Academy of Sciences (*Archaeologia Polona*, 53), 296-299.

Hinterleitner, A.; Neubauer, W.; Trinks, I. (2013): Removing the influence of vehicles used in motorized magnetic prospection systems. In: W. Neubauer, I. Trinks, R. B. Salisbury and C. Einwögerer (Eds.) (2013), 384-386.