

Curriculum Vitae

PERSONAL INFORMATION Erich Nau Phone: +43 650 822 50 41
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DATE OF BIRTH January 6, 1983

CITIZENSHIP Austria

EDUCATION
9/1993 – 6/2001 Grammar school, BRG Feldkirchen
6/2001 Grammar school graduation, with distinction
10/2001 – 2013 Studies of Prehistory and Protohistory at the University of Vienna,
Special focus on computer application in archaeology, geophysical prospection, 3D-laserscanning and archeometallurgy

Master thesis: Die Ergebnisse der interdisziplinären stratigraphischen Grabung Schwarzenbach –
Burg, Schnitt 5, 2002 bis 2003. Teil 1 – Prospektion, Stratigraphie und Fundvorlage.

WORKING EXPERIENCES

10/2003 - present Temporary independent contractor for ArcheoProspections, ZAMG
Various GPR and magnetic surveys in Austria and abroad

10/2005 – present Temporary independent contractor for VIAS (University of Vienna)
Stratigraphic excavation at Schwarzenbach (Austria), digital documentation of
excavation sites, 3D Laser scanning documentation of cultural heritage sites in Austria
and abroad, post processing of 3D laser scan data, GPR surveys of various Austrian
sites

3/2008 – present Tutor in various courses at the University of Vienna – Institute for Prehistory and
Protohistory such as: “Experimentelle Archäologie”, “Stratigraphische Praxis”,
“Lehrgrabung II”, “Photogrammetrische Anwendungen in der Archäologie”,
“Praktikum Geophysikalische Prospektion”

6/2002 – present Participation at various archaeological excavations in Austria and abroad

4/2010 – present Employee at the Ludwig Boltzmann Institute for Archaeological Prospection and
Virtual Archaeology. Program line 2 – Geophysical prospection

LANGUAGES

German (mother tongue), English (fluent), Italian (basics)

PUBLICATIONS

Nau, Erich; Eine hallstattzeitliche Gussform vom Förker Laas-Riegel, *Rudolfinum Jahrbuch* 2005.

Nau, Erich; Mongiatti, Aude; Rehren, Thilo; Experimentelle Verhüttung des Hüttenberger Erzes, *Experiment und Naturwissenschaftliche Auswertung, Austria Antiqua* 2, 2008.

Eichert, Stefan; Nau, Erich; Experimente zu Eisenverhüttung, Buntmetallguss und Email des Frühmittelalters im Bajuwaren Hof Kirchheim. *Bajuwaren Hof Kirchheim – Projekt für lebendige Archäologie des Mittelalters. Jahresschrift* 2010 (2011), S. 6-26.

Neubauer, Wolfgang; Kucera, Matthias; Nau, Erich; Kastowski, Karolin; Löcker, Klaus; The Casemate Barracks documentation project at the Royal Navy Dockyard, Bermuda; *New Post-Medieval Archaeology* 45:1, 2011.

Doneus, Nives; Flöry, Sebastian; Hinterleitner, Alois; Kastowsky, Karolin; Kucera, Matthias; Nau, Erich. et al. (2011): Integrative Archaeological Prospection – Case study Stubersheimer Alb. Bridging the gap between geophysical prospection and archaeological interpretation. In: Mahmut G. Drahor und Meriç A. Berge (Hg.):

Archaeological Prospection. Proceedings of the 9th International Conference on Archaeological Prospection. Izmir-Turkey, September 19-24, 2011. Istanbul: Archaeology and Art Publications, S. 166–168.

Kucera, Matthias; Nau, Erich; Kastowsky, Karolin; Schneidhofer, Petra; Fera, Martin: Terrestrial 3D laser scanning in archaeology. In: The First International Conference «Virtual Archaeology-2012». Program and abstracts. Saint-Petersburg (Russian Federation), 4-6 June, 2012, S. 36.

Neubauer, Wolfgang; Nau, Erich; Trinks, Immo; Seren, Sirri; Löcker, Klaus; Klein, Michael: The school of gladiators at Carnuntum - virtual reconstruction based on archaeological prospection data. In: The First International Conference «Virtual Archaeology-2012». Program and abstracts. Saint-Petersburg (Russian Federation), 4-6 June, 2012, S. 44.

Trinks, Immo; Nau, Erich; Löcker, Klaus; Gabler, Manuel; Pregesbauer, Michael; Biwall, Anders et al. (2012): Large-scale archaeological prospection of Iron Age Central Places in Sweden. Poster. In: EAA 18th annual meeting. European Association of Archaeologists. Abstracts. Helsinki, Finland, 29.08.-01.09.2012, S. 119.

Pregesbauer, Michael; Trinks, Immo; Kucera, Matthias; Nau, Erich; Löcker, Klaus; Hinterleitner, Alois et al. (2012): Large-scale high-resolution near-surface geophysical prospection for the investigation of archaeological landscapes. In: Proceedings of the 82nd Annual Meeting of the Society of Exploration Geophysicists. SEG Technical Program Expanded Abstracts. 82nd Annual Meeting of the Society of Exploration Geophysicists. Las Vegas, Nevada, USA, 4-9 November, 2012. Las Vegas: Society of Exploration Geophysicists.

Gaffney, Chris; Gaffney, Vince; Neubauer, Wolfgang; Baldwin, Eamonn; Chapman, Henry; Garwood, Paul; Moulden, Helen; Sparrow, Tom; Bares, Richard; Löcker, Klaus; Hinterleitner, Alois; Trinks, Immo; Nau, Erich; Zitz, Thomas; Flöry, Sebastian; Verhoeven, Geert; Doneus, Michael et al. (2012): The Stonehenge Hidden Landscapes Project. In: *Archaeol. Prospect.* 19 (2), S. 147–155.

PRESENTATIONS AT CONFERENCES

E. Nau, M. Mehofer, A. Mongiatti: Experimental bloomery smelting and its metallurgical analysis. Early iron in Europe. Prehistoric, Roman and Medieval iron production. International Conference Hüttenberg/Austria, September 2008.

E. Nau, M. Mehofer, Metallographische Untersuchungen an Angriffswaffen ausgewählter frühmittelalterlicher Gräber – Identität und Repräsentation anhand technotypologischer Kriterien? „ZEITENwandel“ Siedlungs- und Sozialstrukturen zwischen Spätantike und Hochmittelalter, Internationales ÖGUF Symposium 2009, Mauterndorf, Oktober 2009.

E. Nau, W. Neubauer, H. Reschreiter: 3D laser scanner documentations of prehistoric tunnels at Hallstatt - Grünerwerk. Mining in European History-Congress, Innsbruck, November 2009.

E. Nau, K. Löcker, W. Neubauer, A. Hinterleitner: Magnetic surveys of Early and Middle Neolithic settlements in Austria. "Mémoire du sol, Espace des hommes" 8th International Conference on Archaeological Prospection, Paris, September 2009.

E. Nau A. Biwall, M. Gabler, A. Hinterleitner, P. Karlsson, M. Kucera, L. Larsson, K. Löcker, W. Neubauer, D. Scherzer, H. Thorén, I. Trinks, M. Wallner, T. Zitz: Terrestrial laser scanning for the generation of a digital terrain model of the Iron and Viking Age site Uppåkra in Sweden; CAA-SE conference, Uppsala 2011.

E. Nau, I. Trinks; Geophysical surveys at Gokstad 2011-2012 - First results; Gokstad revitalised seminar 2012 ; Sandefjord 26th-27th March 2012

Neubauer, Wolfgang; Kucera, Matthias; Nau, Erich; Kastowski, Karolin; Löcker, Klaus; The Casemate Barracks documentation project at the Royal Navy Dockyard, Bermuda; *New Post-Medieval Archaeology* 45:1, 2011.