

► Univ.-Prof. Mag. Dr. Michael Doneus



Education

- 1986-1992 Study of prehistoric and medieval archaeology and of classical archaeology at the University of Vienna. Selected lectures at the Institutes of Photogrammetry and Remote Sensing and Geodesy at the Technical University of Vienna.
- 1992 Master of Philosophy, Department for Prehistoric and Medieval Archaeology, University of Vienna.
- 1999 Ph.D., Department for Prehistoric and Medieval Archaeology, University of Vienna.
- 2009 Habilitation in „Ur- und Frühgeschichte“ at the Department for Prehistoric and Medieval Archaeology, University of Vienna (colloquium: 17.6.2009).
- 2009 Since 1.10.2009: “Vertragsdozent” at the Department for Prehistoric and Medieval Archaeology, University of Vienna.

Scientific Career

- since 1987 Participation and Co-Direction of archaeological excavations in Austria.
- since 1992 Researcher at the Department for Prehistoric and Early Historic Archaeology, University of Vienna. Fields of research: director of the aerial archive, archaeological prospection, surveying, photogrammetry, GIS.
- Main research:**
1. Aerial archaeology including basic research and methodological development.
 2. Landscape archaeology.
 3. Digital documentation of archaeological excavations.
 4. Airborne laserscanning.
- since 2010 Deputy-Director and Key-Researcher at the Ludwig Boltzmann Institute for Archaeological Prospection and virtual Archaeology (archpro.lbg.ac.at).
- Research areas: airborne laser scanning, hyperspectral scanning, aerial archaeology, interpretation of prospection data and landscape archaeology.
- since 2011 Co-founder and member of the Initiative College for Archaeological Prospection at the University of Vienna (ic-archpro.univie.ac.at).
- since 2011 Professor for “Ur- und Frühgeschichte, environmental- and landscape archaeology” at the University of Vienna.
- 2012-2013 Director of the Vienna Institute for Archaeological Science (VIAS).
- Since 2012 Deputy director of the Department for Prehistoric and Early Historic Archaeology, University of Vienna.

International Organisations

- since 2002 Member of the committee of the **Aerial Archaeology Research Group (AARG)** – aarg.univie.ac.at

since 1996	Member of CIPA (ICOMOS & ISPRS Committee for Documentation of Cultural Heritage) – cipa.icomos.org
1996-2002	Chairman of the working-group “Photogrammetry and Archaeology”
2002-2007	Associate member of the executive board
2003-2007	Internet Communication Officer
since 2007	Member of the executive board
since 2007	Secretary General
since 2011	Vice-President

Awards

1999	Best Poster Award: “Anaglyph Images – Still a Good Way to look at 3D Objects?” XVII. CIPA-Symposium, Recife, Brasilien.
2006	Best Paper Award: “Digital terrain modeling for archaeological interpretation within forested areas using full-waveform laserscanning.” CIPA-VAST-EG-EPOCH-EuroMed Joint Event, Nikosia, Zypern, 30.10.-04.11.2006.
2007	Tewkesbury Fellowship at the University of Melbourne, Faculty of Engineering, Australia.
2013	Society of Exploration Geophysicists (SEG) 2013 Honors & Award Recipient

University Teaching

since 1993	Various courses and seminars on aerial archaeology (theory and practice), airborne laser scanning, GIS, surveying, photogrammetrical applications in archaeology, CAD, digital documentation of stratigraphic excavations at the University of Vienna. Applied image interpretation at the Technical University of Vienna.
since 1996	International tutorials on aerial archaeology in Hungary, Finland, Italy, Poland, Slovenia and Switzerland.

International Tutorials

1996	Hungarian Training Week for Aerial Archaeology, Siofok, Hungary, 15.-22.07. 1996.
1998	Aerial Archaeological Training Week, 3.-9.Juni in Lezno, Poland 1998.
2001	Aerial Archaeology Research School, Siena, Italy, 23.-30. May 2001.
2003	Aerial Archaeology Research School in Foggia, Italy, 24. May – 1. June 2003.
2004	Workshop at the Helsinki Symposium on Aerial Archaeology (HESAA) in Cooperation with English Heritage (Culture 2000 project: European Landscapes - past, present and future; 4.-10. October).
2005	International Workshop on „Recording, Modeling and Visualization of Cultural Heritage”, May 22-27, 2005, Centro Stefano Franscini, Monte Verita Ascona, Switzerland (ETH Zürich).
2006	SOCRATES ERASMUS Intensive Program: “Remote sensing for past landscapes” in Ljubljana, 21.-26. January.
2006	Summer School: “Exploring archaeological landscapes” in Grosseto, Italy (27.11. – 2.12. 2006).
2007	Summer School: „Aerial Archaeology Research School“, 18.-27. Mai, Foggia, Italy (University Foggia, Culture 2000 Project ‘European Landscapes: past, present and future’).
2007	Aerial Archaeology Workshop, Poznan. 29.4.-4.5.2007. Poznan, Poland (University of Poznan, Culture 2000 Project ‘European Landscapes: past, present

- and future').
- 2008 International Summer School in Archaeology: "3D Modeling in Archaeology and Cultural Heritage", Monte Verita, Ascona, Switzerland, 9-14 May 2008 (ETH Zürich, University of Siena, B. Kessler Foundation).
- 2009 International Summer School in Archaeology: "The Archaeology of Mountain Landscape" (Università degli Studi di Padova - Dipartimento di Archeologia; Università degli Studi di Trento - Dipartimento di Filosofia, Storia e Beni Culturali e Dipartimento Ingegneria Civile e Ambientale (DICA)), 20.-28.Juli 2009.
- 2009 International Workshop: "Digital Terrain Models from Full Waveform Laser Scanning". (IPF TUWien) 13.11.2009).
- 2009 Vorlesungszyklus: "European methodological studies for archaeologists". Masaryk University Brno – Institute of Archaeology. 01.10.2009.
- 2010 First Specialization Forum: "Integrated non-destructive approaches to understand and valorise complex archaeological sites" in Ammaia (Marvão - Portalegre, Portugal) 5th – 11th July 2010.
- 2011 Co-Organizer: 1st trans-disciplinary workshop on Agents in Archaeology (Wien, 3. und 4. März 2011).
- 2011 Organizer: LBI-ArchPro Workshop: "Airborne Remote Sensing: State-of-Art" (Mannersdorf, 17.-20. März 2011).
- 2011 Summer School, University of Siena & B. Kessler Foundation: 3D Modeling in Archaeology & Cultural Heritage (Grosseto, 29. August – 3. September).
- 2011 Organisation: IC-ArchPro Workshop2 "Airborne Remote Sensing" (Wien, 28.-30. November 2011).
- 2012 DITECUR – *Digital technologies in cultural landscape research*. ERASMUS Lifelong Learning Programme, Intensive Programme, University of Zagreb, 30.1.2012-12.2.2012. (Function: partner and lecturer)
- 2013 DITECUR – *Digital technologies in cultural landscape research*. ERASMUS Lifelong Learning Programme, Intensive Programme, University of Zagreb, 28.1.2012-10.2.2013. (Function: partner and lecturer)
- 2013 Co-Organisation: Strategien der Visualisierung in den Geisteswissenschaften: Probleme und Chancen. 4. Workshop des Forschungsschwerpunkts der Historisch-Kulturwissenschaftlichen Fakultät. 26.4.2013.

5 Most relevant Projects

- 2004-2006 FWF: P16449-G02 - „The Celts in the Hinterland of Carnuntum“.
- 2004-2007 Luftbildarchäologische Grundlagenforschung im hochalpinen Bereich als Teilprojekt in: Prähistorische und antike Verkehrswege in den Ostalpen – zur Dokumentation und Rekonstruktion archäologischer Siedlungs-, Wirtschafts- und Verkehrsstrukturen mit Hilfe eines Katasters archäologischer Fundstätten. Finanzierung: Österreichische Akademie der Wissenschaften. Leitung des

Gesamtprojektes: Prof. O. Urban.

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| 2006-2008 | FWF: P18674-G02 - „LiDAR supported prospection of woodland“. |
| 2007-2008 | Aerial Archaeological Interpretation of the civil town and canabae legionis of Carnuntum. Financing: Amt der NÖ Landesregierung. |
| 2012-2014 | FWF: P24116-N23: Automated georeferencing and orthorectification of archaeological aerial photographs. Finanzierung: FWF. |

Publications 2008-2013

Monographs

1. Doneus M., Die hinterlassene Landschaft. Prospektion und Interpretation in der Landschaftsarchäologie. Mitteilungen der Prähistorischen Kommission, 78, 2013, Verl. D. Österr. Akad. D. Wiss., Wien.
2. Doneus M., Gugl C., Doneus N. Die Canabae von Carnuntum – eine Modellstudie der Erforschung römischer Lagervorstädte. Von der Luftbildprospektion zur siedlungsarchäologischen Synthese. Der Römische Limes in Österreich, 47, 2013.

Scientific Papers

3. Karel, Wilfried; Doneus, Michael; Verhoeven, Geert; Briese, Christian; Ressler, Camillo; Pfeifer, Norbert (2013): Oriental - automatic geo-referencing and ortho-rectification of archaeological aerial photographs. In: Pierre Grussenmeyer (Hg.): XXIV International CIPA Symposium 02–06 September 2013, Strasbourg, France. Göttingen: Copernicus Publications (ISPRS Annals, Volume II-5/W1), S. 175–180. (double-blind peer-review)
4. Verhoeven, Geert; Wieser, Martin; Briese, Christian; Doneus, Michael (2013): Positioning in time and space - cost-effective exterior orientation for airborne archaeological photographs. In: Pierre Grussenmeyer (Hg.): XXIV International CIPA Symposium 02–06 September 2013, Strasbourg, France. Göttingen: Copernicus Publications (ISPRS Annals, Volume II-5/W1), S. 313–318. (double-blind peer-review)
5. Briese, Christian; Pfennigbauer, M.; Ullrich, A.; Doneus, Michael (2013): Multi-wavelength airborne laser scanning for archaeological prospection. In: Pierre Grussenmeyer (Hg.): XXIV International CIPA Symposium 02–06 September 2013, Strasbourg, France. Göttingen: Copernicus Publications (ISPRS Archives, Volume XL-5/W2), S. 119–124.
6. Risbøl, Ole; Briese, Christian; Doneus, Michael; Nesbakken, Anneli (2013): Identifying and documenting landscape changes by the use of multi-temporal historical aerial photos and ALS-generated DEMs - an automated and retrospective approach. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 11–12. (double-blind peer-review)

7. Verhoeven, Geert; Doneus, Michael; Atzberger, Clement; Wess Michael; Ruš, Michal; Pregesbauer, Michael; Briese, Christian (2013): New approach for archaeological feature extraction of airborne imaging spectroscopy data. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 13–15. (double-blind peer-review)
8. Doneus, Michael; Doneus, Nives; Briese, Christian; Pregesbauer, Michael; Mandlbürger, Gottfried; Verhoeven, Geert et al. (2013): Measuring the topography of submerged archaeological sites from the air. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 16–18. (double-blind peer-review)
9. Doneus, Michael; Draganits, Erich; Gansum, Terje (2013): The Viking-age royal burial site of Borre (Norway): LiDAR-based landscape reconstruction and harbour location at an uplifting coastal area. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 36–38. (double-blind peer-review)
10. Trinks, Immo; Neubauer, Wolfgang; Nau, Erich; Gabler, Manuel; Wallner, Manuel; Hinterleitner, Alois et al. (2013): Archaeological prospection of the UNESCO World Cultural Heritage site Birka-Hofgården. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 39–40. (double-blind peer-review)
11. Coolen, Joris; Fera, Martin; Doneus, Michael; Grillmayer, Ekkehart (2013): Using barcode, tablet PC and smartphone technology for archaeological field surveys. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 195–196. (double-blind peer-review)
12. Doneus, Michael; Fornwagner, Ulrike; Kiedl, Christoph (2013): APIS - Archaeological Prospection Information System. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 317–318. (double-blind peer-review)
13. Klimczyk, Agata; Doneus, Michael; Briese, Christian; Pfeifer, Norbert (2013): Evaluation of different software packages for ALS filtering. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 363–366. (double-blind peer-review)
14. Doneus, Michael; Verhoeven, Geert; Karel, Wilfried (2013): Towards an automated georeferencing and orthorectification of archaeological aerial photographs. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 380–382. (double-blind peer-review)
15. Neubauer, Wolfgang; Seren, Sirri; Hinterleitner, Alois; Doneus, Michael; Löcker, Klaus; Trinks, Immo et al. (2013): The discovery of a gladiatorial school at Carnuntum. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): Archaeological Prospection. Proceedings of the 10th International Conference - Vienna. Wien: Verl. der Österr. Akad. d. Wiss., S. 423–426. (double-blind peer-review)

16. Briese, Christian; Doneus, Michael; Verhoeven, Geert (2013): Radiometric calibration of ALS data for archaeological interpretation. In: Wolfgang Neubauer, Immo Trinks, Roderick B. Salisbury und Christina Einwögerer (Hg.): *Archaeological Prospection. Proceedings of the 10th International Conference - Vienna*. Wien: Verl. der Österr. Akad. d. Wiss., S. 427–429. (double-blind peer-review)
17. Doneus, Michael; Verhoeven, Geert; Pregesbauer, Michael; Briese, Christian; Trinks, Immo; Rathmanner, Mario (2013): Advanced archaeological airborne remote sensing. In: The State Heritage Museum (Hg.): *Virtual Archaeology. nondestructive methods of prospection, modeling, reconstructions. Proceedings of the First International Conference held at the State Hermitage Museum 4-6 June 2012*. St. Petersburg: The State Hermitage Publishers, S. 31–35.
18. Fera, Martin; Doneus, Michael; Neubauer, Wolfgang (2013): 3D documentation and visualisation of stratigraphic archaeological excavations. In: The State Heritage Museum (Hg.): *Virtual Archaeology. nondestructive methods of prospection, modeling, reconstructions. Proceedings of the First International Conference held at the State Hermitage Museum 4-6 June 2012*. St. Petersburg: The State Hermitage Publishers, S. 140–142.
19. Doneus M., Kührtreiber T., 2013. Airborne laser scanning and archaeological interpretation – bringing back the people. In: Opitz R., Cowley D., *Interpreting archaeological topography – airborne laser scanning, 3D data and ground observation*. Oxbow Books (Oxford), 32-50.
20. Doneus M., Kührtreiber T., 2013. Landscape, the Individual, and Society: Subjective Expected Utilities in a Monastic Landscape near Mannersdorf am Leithagebirge, Lower Austria. Natascha Mehler (ed.), *Historical Archaeology in Central Europe*. Society of Historical Archaeology Special Publications 9, 339-364. (peer review)
21. Doneus M., Doneus N., Briese C., Pregesbauer M., Mandlbürger G., Verhoeven G. 2013. Airborne Laser Bathymetry – detecting and recording submerged archaeological sites from the air. *Journal of Archaeological Science* 40 (2013), pp. 2136-2151 DOI information: 10.1016/j.jas.2012.12.021 (peer-review)
22. Trinks, Immo; Neubauer, Wolfgang; Doneus, Michael (2012): Prospecting Archaeological Landscapes. In: Marinos Ioannides, Dieter Fritsch, Johanna Leissner, Rob Davies, Fabio Remondino und Rossella Caffo (Hg.): *Progress in cultural heritage preservation. 4th International Conference, EuroMed 2012 : Limassol, Cyprus, October 29-November 3, 2012 : proceedings*. Lemessos, Cyprus, 29.10.-03.11.2012. Berlin, Heidelberg: Springer. Online verfügbar unter http://link.springer.com/chapter/10.1007/978-3-642-34234-9_3 (peer-review).
23. Pregesbauer, M., Briese, C., Verhoeven, G., Doneus, M., 2012. Towards fuzzy hyperspectral edges: Radiometric strips adjustment of AIS data, in: *Proceedings of the EAGE Near Surface Geoscience 2012, Paris, France*. 3 - 5 September 2012.
24. Neubauer, W., Doneus, M., Trinks, I., Verhoeven, G., Hinterleitner, A., Seren, S. and Löcker, K. 2012. Long-term Integrated Archaeological Prospection at the Roman Town of Carnuntum/Austria. In Johnson, P. & Millett, M. (eds), *Archaeological Survey and the City*. University of Cambridge Museum of Classical Archaeology Monograph Series No. 3. Oxford: Oxbow: pp 202–221.
25. Neubauer, W., Doneus, M., and Trinks, I. 2012. Advancing the Documentation of Buried Archaeological Landscapes, *Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.*, XXXIX-B5, 547-552, doi:10.5194/isprsarchives-XXXIX-B5-547-2012.

26. Briese, C., Zach, G., Verhoeven, G., Ressler, C., Ullrich, A., Studnicka, N., and Doneus, M. 2012. Analysis of Mobile Laser Scanning Data and Multi-View Image Reconstruction, *Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.*, XXXIX-B5, 163-168, doi:10.5194/isprsarchives-XXXIX-B5-163-2012.
27. C. Gaffney, V. Gaffney, W. Neubauer, E. Baldwin, H. Chapman, P. Garwood, H. Moulden, T. Sparrow, R. Bates, K. Löcker, A. Hinterleitner, I. Trinks, E. Nau, T. Zitz, S. Floery, G. Verhoeven, and M. Doneus 2012. The stonehenge hidden landscapes project. *Archaeological Prospection*, 19(1), 2012, 147-155 (peer-review).
28. Verhoeven, G., Doneus, M., Briese Ch. , 2012. Computer vision techniques: towards automated orthophoto production , *AARGNews* 44, 2012, 8-11.
29. Verhoeven, G., Doneus, M., Briese, Ch., Vermeulen, F., 2012. Mapping by matching: a computer vision-based approach to fast and accurate georeferencing of archaeological aerial photographs. *Journal of Archaeological Science* 39/7, 2060-2070 (peer-review, in press: <http://dx.doi.org/10.1016/j.jas.2012.02.022>).
30. Doneus M., Verhoeven G., Fera M., Briese C., Kucera M., Neubauer W., 2011. From Deposit to Pointcloud. A Study of Low-Cost Computer Vision Approaches for the Straightforward Documentation of Archaeological Excavations. *Geoinformatics* 6, 81-88. (peer-review)
31. Verhoeven, G., Doneus, M. 2011. Balancing on the borderline - A low-cost approach to visualise the Red Edge shift for the benefit of aerial archaeology. *Archaeological Prospection* 18, 2011, 267-278. (peer-review)
32. Doneus M., Neubauer W., Verhoeven G., Briese C. 2011. Advancing archaeological airborne remote sensing. In: Drahor, M. G., Berge M.A.: *Archaeological Prospection. 9th International Conference on Archaeological Prospection. September 19-24, 2011 Izmir-Turkey, Archaeology and Art Publications, Istanbul 2011, 12-15.* (peer-review)
33. Briese C., Doneus M., Doneus N., Gabler M., Hinterleitner A., Kastowsky K., Klimczyk A., Kucera M., Löcker K., Nau E., Neubauer W., Poscetti V., Scherzer D., Trinks I., Wallner M., Verhoeven G., Zitz T., 2011. The new Ludwig Boltzmann Institute for archaeological prospection & virtual archaeology. In: Drahor, M. G., Berge M.A.: *Archaeological Prospection. 9th International Conference on Archaeological Prospection. September 19-24, 2011 Izmir-Turkey, Archaeology and Art Publications, Istanbul 2011, 161-163.* (peer-review)
34. Gugl Ch., Doneus M. 2011. Zur Wasserversorgung der Zivilstadt von Carnuntum. In: Humer F., Konecny A. (Hrg.) *Römische Thermen – Forschung und Präsentation. Akten des internationalen Kolloquiums, veranstaltet vom Archäologischen Park Carnuntum und der Gesellschaft der Freunde Carnuntums 17.-18. September 2009, 107-120.*
35. Gugl Ch., Doneus M., Humer F., Klein M., Paschke V., Weinlinger G. 2011. Aus alten Ruinen wiedererstanden. In: Bruckmüller, Ernst; Humer, Franz (Hrg.): *Erobern - Entdecken - Erleben im Römerland Carnuntum, Katalog zur Niederösterreichischen Landesausstellung 2011 ; 16. April - 15. November. 58-69.*
36. Doneus, M., Briese, C. 2011. Airborne Laser Scanning in Forested Areas - Potential and Limitations of an Archaeological Prospection Technique. In: Cowley D. C. (ed.) 2011, *Remote Sensing for Archaeological Heritage Management, proceedings of an EAC Symposium, Reykjavik, Iceland, 25 –27 March 2010, EAC Occasional Paper No. 5, Archaeolingua.*
37. Doneus, M. 2010. Flugzeuggetragenes Laserscanning in der archäologischen Prospektion. *Neues zum Burgstall von Purbach am Neusiedlersee. Purbacher Jahrbuch*, 7, 2010, 39-53.
38. Doneus, M., Neubauer, W., 2010. LBI for Archaeological Prospection and Virtual Archaeology. *AARGNews* 41, 11.

39. Neubauer, W., Doneus, M., Hinterleitner, A., 2010a. Prospektionsmethodik. In: Melichar, P., Neubauer, W. (Eds.), Mittelneolithische Kreisgrabenanlagen in Niederösterreich. Geophysikalisch-archäologische Prospektion - ein interdisziplinäres Forschungsprojekt. Verl. der Österr. Akad. der Wiss., Wien, pp. 44–55. (peer-review)
40. Neubauer, W., Doneus, M., Hinterleitner, A., Melichar, P., 2010b. Systematische Prospektion der Kreisgrabenanlagen in Österreich. In: Melichar, P., Neubauer, W. (Eds.), Mittelneolithische Kreisgrabenanlagen in Niederösterreich. Geophysikalisch-archäologische Prospektion - ein interdisziplinäres Forschungsprojekt. Verl. der Österr. Akad. der Wiss., Wien, pp. 31–43. (peer-review)
41. Neubauer, W., Doneus, M., Trnka, G., 2010c. Einleitung. In: Melichar, P., Neubauer, W. (Eds.), Mittelneolithische Kreisgrabenanlagen in Niederösterreich. Geophysikalisch-archäologische Prospektion - ein interdisziplinäres Forschungsprojekt. Verl. der Österr. Akad. der Wiss., Wien, pp. 15–30. (peer-review)
42. Doneus, M., Briese, C., Studnicka, N., 2010, Analysis of Full-Waveform ALS Data by Simultaneously Acquired TLS Data: Towards an Advanced DTM Generation in Wooded Areas. In: Wagner, W., Székely, B., 100 Years ISPRS, Advancing Remote Sensing Science. ISPRS Technical Commission VII Symposium, Vienna, Austria, July 5 – 7, 2010. Papers accepted on the basis of peer-reviewed abstracts. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. XXXVIII, Part 7B, 193-198. (peer-review)
43. Ch. Gugl – M. Doneus – N. Doneus, The Canabae Legionis of Carnuntum: Modeling a Roman Urban Landscape from systematic, non-destructive Prospection and Excavation, in: Proceedings of the 21st International Limes (Roman Frontiers) Congress at Newcastle upon Tyne, 2009 (im Druck).
44. Doneus, M., Pfennigbauer, M., Studnicka, N., Ullrich, A. Terrestrial waveform laser scanning for documentation of cultural heritage in woodland. In: Takase, Y., Proceedings of the 22nd CIPA-Symposium, 11-15 October, Kyoto, Japan: "Digital Documentation, Interpretation & Presentation of Cultural Heritage", 2009, 1-6.
45. Doneus M., Das Luftbild als Grundlage für Siedlungs- und Landschaftsarchäologie. In: Doneus M., Griebel M., Die Leitha – Facetten einer archäologischen Landschaft. Archäologie Österreichs Spezial 2009. Im Druck.
46. Zámolyi A., Draganits E., Doneus M., Fera M. Paläoflusslaufentwicklung der Leitha (Ostösterreich) – eine Luftbildperspektive. In: Doneus M., Griebel M., Die Leitha – Facetten einer archäologischen Landschaft. Archäologie Österreichs Spezial 2009. Im Druck.
47. Doneus M., Janner M., Fera M., Flugzeuggetragenes Laserscanning im Leithagebirge. In: Doneus M., Griebel M., Die Leitha – Facetten einer archäologischen Landschaft. Archäologie Österreichs Spezial 2009. Im Druck.
48. Gietl R., Doneus M., Fera M., Cost Distance Analysis in an Alpine Environment: Comparison of Different Cost Surface Modules. In: Posluschny A., Lambers K., Herzog I. (Ed.), Layers of Perception. Proceedings of the 35th Computer Applications and Quantitative Methods in Archaeology Conference, Berlin, Germany, April 2-6, 2007 (Kolloquien zur Vor- und Frühgeschichte, Vol. 10). Bonn: Habelt. (peer-review)
49. Doneus M., Teaching non-invasive archaeological methods at the University of Vienna. In: Cowley, D., Palmer, R., Education in Aerial Remote Sensing for Archaeology. Occasional Publication of the Aerial Archaeology Research Group No. 1, 2009, 21-22. ISSN 2040-526X.
50. Doneus N., Doneus M., Surface-Collected Data from the Air – towards a Prospecting Toolcase for Archaeological Landscapes. In: P. Pospechová, P. Wittgrüber (Ed.), Carnuntum-Gerulata. Mestské múzeum v Pezinku, Bratislava, 2008, 184-190.

51. Doneus M., Neubauer W., Aerial Archaeology and Airborne Laser-Scanning at the Iron Age Hillfort Schwarzenbach-Burg. *ViaVIAS*, 2/2008, 53-59.
52. Neubauer W., Doneus M., Digital Recording of Stratigraphic Archaeological Excavations Using Terrestrial 3D Laser Scanners. *ViaVIAS* 2/2008, 45-52.
53. Doneus M., Briese C., Kühtreiber T., Flugzeuggetragenes Laserscanning als Werkzeug der archäologischen Kulturlandschaftsforschung. Das Fallbeispiel „Wüste“ bei Mannersdorf am Leithagebirge, Niederösterreich. *Arch. Korrespondenzblatt* 38, 1, 2008, 137-156.
54. Doneus M., Briese C., Fera M., Janner M., Archaeological prospection of forested areas using full-waveform airborne laser scanning. *Journal of Archaeological Science*, 35 (2008) 882-893. (peer-review)