Curriculum Vitae of Michelle Pfeiffer

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Professional Experience

Since February 2017: Research associate in the project "HeiMAP- Virtueller Kartentisch" at the Heidelberg University.

September 2012 - February 2013: Research associate, in the function of a computational archaeologist, within the project "Zonage Archéologique" of the Walloon Region at the Geomatics Unit of the University of Liège.

February 2012 - Mai 2012: Computational archaeology traineeship at the Cologne Digital Archaeology Lab at the University of Cologne, in the context of the archaeological research project "Pergamon" of the *Deutsches Archäologisches Institut*

January 2013: Archaeological survey traineeship at Èvres (France)

April 2009: Excavation traineeship at the prehistoric site of Trou Al Wesse (Belgium)

August 2008: Excavation traineeship at the prehistoric site of Scladina in Sclayn (Belgium)

June 2007- July 2007: Excavation traineeship at the prehistoric site of Scladina in Sclayn (Belgium)

Educational Background

Since February 2014: PhD Candidate, Junior Research Group "Digital Humanities and Cultural Heritage", Cluster of Excellence "Asia and Europe in a Global Context" at the Heidelberg University.

September 2011 - September 2012: Master in Archaeology, Orientation Computational Archaeology at the University François-Rabelais of Tours

September 2009 - September 2011: Master in Art History and Archaeology, Orientation Archaeometry at the University of Liège

September 2006 - June 2009: Bachelor in Art History and Archaeology at the University of Liège

Projects

February 2017 - : Development of the research environment "HeiMAP- Virtueller Kartentisch". My mission is the conception of the data and metadata model for the HeiMAP application.

September 2014: Digital mapping project at the Minoan site of Koumasa, Crete in collaboration with the Archaeological Institute of the University of Heidelberg.

September 2012 to December 2013: Development of an archaeological potential map in context of the project "Environmental and landscape studies" for the Walloon Region through the development of a predictive model.

February 2012 to June 2012: Involvement in the research project "Pergamon" in the context of the master of Computational Archaeology. My mission was the development of a GIS for the *chora* and *polis* of Pergamon.

October 2010 to August 2011: contribution, in the context of my master thesis, to the "Virtual Leodium" project. My mission was the creation of an Archaeological Information System based on a city model representing the city of Liège in the first half of the eighteenth century.

International Fellowships and Research Scholarships

February 2014 – February 2017: Doctoral scholarship awarded by the Cluster of Excellence "Asia and Europe in a Global Context"

June 2014: Bursary from the EU FP7 project "ARIADNE"

September 2011: Abroad scholarship awarded by the Ministry of Education of the German-speaking Community of Belgium.

Teaching and International Lecturing Activities

April 2015 "Introduction to Digital Humanities" at the Cluster of Excellence "Asia and Europe in a Global Context" at the University of Heidelberg

November 2014: "Basic GIS" at the Cluster of Excellence "Asia and Europe in a Global Context" at the University of Heidelberg

November 2014: "Archaeometry" at the University of Liège

December 2013: "Archaeometry" at the University of Liège

Publications

RAUN, H. and PFEIFFER, M., *Detection of hidden cultural heritage in the undergrowth based on air-borne and terrestrial laser scanning* [in press], in Digital Geoarchaeology, Heidelberg, Springer, 2015.

PFEIFFER, M., RAUN, H. and VOLKMANN, A., *"Digital mapping"- Detection and prospection through digital and physical landscapes at Koumasa*, Crete, Cluster of Excellence Asia and Europe in a Global Context, Report number: 1, 2016.

VAN RUYMBEKE, M., DELFOSSE, V., CARRÉ, C., HALLOT, P., PFEIFFER, M. and BILLEN, R., *Towards an Archaeological Information System: improving the core data model* [online], du 41st Computer Applications and Quantitative Methods in Archaeology (CAA), Paris, 25th April 2014 [Accessed 10th October 2014] available at http://orbi.ulg.ac.be/handle/2268/168008

PFEIFFER, M., et al., *Virtual Leodium: from a historical 3D city scale model to an archaeological information system* [online], 14th International Committee for Documentation of Cultural Heritage (CIPA), Strasbourg, 3 September 2013 [Accessed 1st October 2013] available at http://www.isprs-ann-photogramm-remote-sens-spatial-inf-sci.net/II-5-W1/241/2013/isprsannals-II-5-W1-241-2013.pdf

PFEIFFER, M., et al., Virtual Leodium: *Development of an archaeological information system, a case study on a historical 3D city scale model* [online], 16th International Colloquium d'AGILE , Leuven, 14th May 2013 [Accessed 30th August 2013] available at http://orbi.ulg.ac.be/handle/2268/149709

Talks

26.07.2017 "Geographic Information Systems for Archaeology", Summer school ArchEyeAutomatic 2016-2017, Lorsch (Germany).

11.02.2017 "Räumliche Verteilung, zonale Statistik und prädiktive Modelliering im GIS", 8th Workshop of the AG CAA, Heidelberg (Germany).

20.04.2016 "Vers des systèmes d'information archéologique:maquette virtuelle et nuages de points intelligents", 4th edition of MuséoHub, Lille (France).

10.10.2014 "Towards an Archaeological Information System: improving the core data model, 41st Computer Applications and Quantitative Methods in Archaeology (CAA), Paris (France).

03.09.2013 "Virtual Leodium: from a historical 3D city scale model to an archaeological information system", 14th International Committee for Documentation of Cultural Heritage (CIPA), Strassbourg (France).

14.05.2013 "Virtual Leodium: Development of an archaeological information system, a case study on a historical 3D city scale model", 16th International AGILE Colloquium, Leuven (Belgium).