

List of Publications - Florian Thiery M.Sc.

last update on 15th January 2019 – full list at <http://pub.fthiery.de>

Journal Articles

with Stefan Hauth and Martin Schlüter: *Schneller und ausdauernder als das menschliche Auge: Modulare Okularkameras am Motortachymeter*. Allgemeine Vermessungs-Nachrichten (avn), Vol. 120, Nr. 6, 210-216, 2013. URL: <http://t1p.de/xpnx>

Conference Proceedings

with Thomas Engel: *The Labeling System: The Labelling System: A Bottom-up Approach for Enriched Vocabularies in the Humanities*. In Stefano Campana, Roberto Scopigno, Gabriella Carpentiero and Marianna Cirillo, Hrsg., CAA2015. Keep The Revolution Going. Proceedings of the 43rd Annual Conference on Computer Applications and Quantitative Methods in Archaeology, Volume 1, 259-268, Oxford, NY, England, 2015. Archeopress Publishing Ltd. ISBN: 9781784913380. URL: <http://t1p.de/ed1x>

with Michael Piotrowski, Giovanni Colavizza and Kai-Christian Bruhn: *The Labeling System: A new approach to overcome the vocabulary bottleneck*. In Patrick Schwitz, Laurie Pearce and Quinn Dombrowski, Hrsg., Proceedings of DH-CASE II: Collaborative Annotations on Shared Environments: Metadata, Tools and Techniques in the Digital Humanities, article A1, New York, NY, USA, 2014. ACM. DOI: [10.1145/2657480.2657482](https://doi.org/10.1145/2657480.2657482).

with Stefan Hauth and Martin Schlüter: *Modular Imaging Total Stations - Sensor Fusion for high precision alignment*. In V. Schwieger et al., Hrsg., 3rd International Conference on Machine Control & Guidance Proceedings, 202-210, Stuttgart, 2012. URL: <http://t1p.de/v21u>

Conference Talks

Dating Mechanism: Eine Linked Data Strategie zur interoperablen und nachvollziehbaren Modellierung relativer Chronologien am Beispiel südgallischer Terra Sigillata in Limes-Abschnitten, with Allard Mees, Graphentechnologien 2019, Mainz, Germany, 18th January 2019. DOI: [10.5281/zenodo.2540373](https://doi.org/10.5281/zenodo.2540373).

Java und Linked Data im RGZM: Herausforderungen in einem archäologischen Museum, Java User Group Mainz Lightning Talks, Mainz, Germany, 16th January 2019. DOI: [10.5281/zenodo.2540228](https://doi.org/10.5281/zenodo.2540228).

Zweifeln erlaubt! Modellierung von Vagheit im Graphen am Beispiel des KonGeoS-Netzwerks, 13. Konferenz der GeodäsieStudierenden, Munich, Germany, 30th November 2018. DOI: [10.5281/zenodo.1494175](https://doi.org/10.5281/zenodo.1494175).

Taming the chronology of South Gaulish Samian found at Hadrian's Wall and the German Limes using Linked Open Data, UK Chapter of Computer Applications and Quantitative Methods in Archaeology (CAA-UK 2018), Edinburgh, Scotland, 26th October 2018. DOI: [10.5281/zenodo.1469298](https://doi.org/10.5281/zenodo.1469298).

Linked Open Geodata in Mainz – Best Practices and Projekte im Kontext der Humanities, DOAG Big Data Days 2018, Dresden, Germany, 21st September 2018. DOI: [10.5281/zenodo.1421690](https://doi.org/10.5281/zenodo.1421690).

RDF based modeling of relative and absolute chronological data: Examples from the central african rainforest and roman periodisation, with Dirk Seidensticker, Allard Mees and Clemens Schmid, 24th Annual Meeting of the European Association of Archaeologists (EAA2018), Barcelona, Spain, 08th September 2018. DOI: [10.5281/zenodo.1402516](https://doi.org/10.5281/zenodo.1402516).

Taming Time – Modelling uncertainty as reproducible Linked Open Data, with Allard Mees, 24th Annual Meeting of the European Association of Archaeologists (EAA2018), Barcelona, Spanien, 06th September 2018. DOI: [10.5281/zenodo.1402509](https://doi.org/10.5281/zenodo.1402509).

Looking for the "grey value" in research and geodesy: Is there right or wrong in software framework decisions?, with Clemens Schmid, 31. International Geodetic Students Meeting, Valencia, Spain, 27th June 2018. DOI: [10.5281/zenodo.1293990](https://doi.org/10.5281/zenodo.1293990).

Taming Ambiguity - Dealing with doubts in archaeological datasets using LOD, with Allard Mees, Computer Applications and Quantitative Methods in Archaeology (CAA), Tübingen, Germany, 22nd March 2018. DOI: [10.5281/zenodo.1200111](https://doi.org/10.5281/zenodo.1200111).

Putting Samian pots together – modelling ceramic service family roots – connecting figure types. Wie Graphen bei der Modellierung des Zweifels helfen können., with Allard Mees, Graphentechnologien 2018, Mainz, Germany, 19th January 2018. DOI: [10.5281/zenodo.1155748](https://doi.org/10.5281/zenodo.1155748).

Academic Meta Tool – Ein Web-Tool zur Modellierung des Zweifels, with Martin Unold, Graphentechnologien 2018, Mainz, Germany, 19th January 2018. DOI: [10.5281/zenodo.1155727](https://doi.org/10.5281/zenodo.1155727).

Avalanches on Atlantis - Real or Fake? The "true" story!, with Rania Taani, 30. International Geodetic Students Meeting, Zagreb, Croatia, 27th June 2017. DOI: [10.5281/zenodo.817469](https://doi.org/10.5281/zenodo.817469).

Das Labeling System: Erstellung kontrollierter Linked Open Data Vokabulare als Metadaten-Hub für archäologische Fachdatenbanken, with Allard Mees, 8. Workshop der AG CAA, Heidelberg, Germany, 11st February 2017. DOI: [10.5281/zenodo.292554](https://doi.org/10.5281/zenodo.292554).

Digitale Methoden zur Erarbeitung von archäologisch-relativ-chronologischen Zeitintervallen, with Allard Mees, Internationale Tagung der Österreichischen Gesellschaft für Mittelalterarchäologie, Graz, Austria, 20th September 2016. DOI: [10.5281/zenodo.292957](https://doi.org/10.5281/zenodo.292957).

Linking periods: Modeling and utilizing spatio-temporal concepts in the chronOntology project, with Wolfgang Schmiedle, Nathalie Kallas, and Sebastian Cuy, Computer Applications and Quantitative Methods in Archaeology (CAA), Oslo, Norway, 30th April 2016. DOI: [10.5281/zenodo.2540522](https://doi.org/10.5281/zenodo.2540522).

Linked Open Data in Space and Time - A geodetic insight into humanities research using LOD, XXIX. International Geodetic Students Meeting, Munich, Germany, 04th May 2016. DOI: [10.5281/zenodo.292962](https://doi.org/10.5281/zenodo.292962).

E1-P1-Arches! Aspekte interoperabler Modellierung und Bereitstellung archäologischer Fachdaten mit dem Arches Framework, with Thomas Engel, 7. Workshop der AG CAA, Hamburg, Germany, 05th February 2016. DOI: [10.5281/zenodo.292967](https://doi.org/10.5281/zenodo.292967).

Linked Samian Ware: challenges of a LOD approach to samian ware, Computer Applications and Quantitative Methods in Archaeology (CAA), Siena, Italy, 01st April 2015. DOI: [10.5281/zenodo.292968](https://doi.org/10.5281/zenodo.292968).

The Labeling System: A Bottom-up Approach for Enriched Vocabularies in the Humanities, with Thomas Engel, Computer Applications and Quantitative Methods in Archaeology (CAA), Siena, Italy, 31st März 2015. DOI: [10.5281/zenodo.2540477](https://doi.org/10.5281/zenodo.2540477).

The Labeling System - A New Approach to Overcome the Vocabulary Bottleneck, with Michael Piotrowski, Giovanni Colavizza and Kai-Christian Bruhn, DH-CASE II, Fort Collins, USA, 10th September 2014. DOI: [10.5281/zenodo.2540522](https://doi.org/10.5281/zenodo.2540522).

Linked Samian Ware: Potentiale von Linked Data in der Archäologie, 5. Workshop der AG CAA, Tübingen, Germany, 15th February 2014. DOI: [10.5281/zenodo.292971](https://doi.org/10.5281/zenodo.292971).

Conference Poster

labeling system, with Axel Kunz, Matthias Dufner, Get Together DH-RMU, Mainz, Germany, 21st September 2017. DOI: [10.5281/zenodo.921997](https://doi.org/10.5281/zenodo.921997).

Das Labeling System – ein freier Baukasten für kontrollierte Vokabulare, with Michael Piotrowski and Kai-Christian Bruhn, Jahrestagung Digital Humanities im deutschsprachigen Raum, Graz, Austria, 25th February 2015. DOI: [10.5281/zenodo.2540530](https://doi.org/10.5281/zenodo.2540530).

Das Labeling System – Lösen der Mehrdeutigkeiten von Räumen und deren Funktion, with Kai-Christian Bruhn, Forum DH Mainz, Mainz, Germany, 30th July 2014. DOI: [10.5281/zenodo.292974](https://doi.org/10.5281/zenodo.292974).

Linking potter, pots and places: a LOD approach to samian ware, Computer Applications and Quantitative Methods in Archaeology (CAA), Paris, France, 24th April 2014. DOI: [10.5281/zenodo.292975](https://doi.org/10.5281/zenodo.292975).

Conference Session Chairs

Modelling Data Quality in archaeological Linked Open Data (S14), with Kai-Christian Bruhn and Allard Mees, Computer Applications and Quantitative Methods in Archaeology (CAA), Kraków, Poland, 2019. DOI: [10.5281/zenodo.1420244](https://doi.org/10.5281/zenodo.1420244).

Our little minions, part 2: small tools with major impact (S29), with Moritz Mennenga and Ronald Visser, Computer Applications and Quantitative Methods in Archaeology (CAA), Kraków, Poland, 2019. DOI: [10.5281/zenodo.1420252](https://doi.org/10.5281/zenodo.1420252).

Theses

Semantic Web und Linked Data: Generierung von Interoperabilität in archäologischen Fachdaten am Beispiel römischer Töpferstempel, Masterthesis, stand number KM042, Supervisor: Prof. Kai-Christian Bruhn, in cooperation with i3mainz - Institute for Spatial Information and Surveying Technology and Römisch-Germanisches Zentralmuseum (RGZM), Fachhochschule Mainz, 13rd June -11st December 2013. DOI: [10.5281/zenodo.292979](https://doi.org/10.5281/zenodo.292979).

Eignung aktueller Industriekameras für modulare Digitalkameratachymeter, Bachelorarbeit, stand number B0066, Supervisor: Prof. Martin Schlueter, in cooperation with i3mainz - Institute for Spatial Information and Surveying Technology, Fachhochschule Mainz, 14th April -01st June 2011. DOI: [10.5281/zenodo.292977](https://doi.org/10.5281/zenodo.292977).

Conference Videos

Taming the chronology of South Gaulish Samian found at Hadrian's Wall and the German Limes using Linked Open Data, UK Chapter of Computer Applications and Quantitative Methods in Archaeology (CAA-UK 2018), Edinburgh, Scotland, 26th October 2018. <https://youtu.be/Yka1Hpu0g5M>.

Putting Samian pots together – modelling ceramic service family roots – connecting figure types. Wie Graphen bei der Modellierung des Zweifels helfen können., with Allard Mees, Graphentechnologien 2018, Mainz, Germany, 19th January 2018. <http://t1p.de/qa69>.

Academic Meta Tool – Ein Web-Tool zur Modellierung des Zweifels, with Martin Unold, Graphentechnologien 2018, Mainz, Germany, 19th January 2018. DOI: <http://t1p.de/qw75>.

The Labeling System: A Bottom-up Approach for Enriched Vocabularies in the Humanities, with Thomas Engel, Computer Applications and Quantitative Methods in Archaeology (CAA), Siena, Italy, 31st März 2015. DOI: <https://youtu.be/zWTpJx8PXII>.

Datasets and Software

Academic Meta Tool

Martin Unold & Florian Thiery. (2018, January 19). *Academic Meta Tool - amt.js (Version 1.0)*. Zenodo. <http://doi.org/10.5281/zenodo.1342310>

Florian Thiery & Martin Unold. (2018). *Academic Meta Tool - Ontology (Version Leonard Edition) [Data set]*. Zenodo. <http://doi.org/10.5281/zenodo.1342536>

Florian Thiery & Martin Unold. (2018). *Academic Meta Tool - Vocabulary (Version Penny Edition) [Data set]*. Zenodo. <http://doi.org/10.5281/zenodo.1342530>

Alligator

Florian Thiery. (2019, January 15). RGZM/alligator v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540710> <https://github.com/RGZM/alligator>

Florian Thiery & Allard Mees. (2018). *Alligator - Vocabulary (Version Vättern Edition) [Data set]*. Zenodo. <http://doi.org/10.5281/zenodo.1436351>

Chronontology

Florian Thiery, & Sebastian Cuy. (2018, October 31). i3mainz/chronontology-spatialapi v1.0 (Version v1.0). Zenodo. <http://doi.org/10.5281/zenodo.1476053> <https://github.com/i3mainz/chronontology-spatialapi>

Florian Thiery. (2018, October 31). linkedgeodesy/gazetteer-json: chronontology release (Version v1.0). Zenodo. <http://doi.org/10.5281/zenodo.1476020> <https://github.com/linkedgeodesy/gazetteer-json>

Florian Thiery. (2019, January 15). linkedgeodesy/geojson-plus v1.0 (Version v1.0). Zenodo. <http://doi.org/10.5281/zenodo.2540701>

Florian Thiery. (2019, January 15). linkedgeodesy/geojson-plus-lb v1.0 (Version v1.0). Zenodo. <http://doi.org/10.5281/zenodo.2540703>

Labelling System

Florian Thiery. (2019, January 15). mainzed/labelingsystem-server v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540712> <https://github.com/mainzed/labelingsystem-server>

Axel Kunz, Matthias Dufner & Florian Thiery. (2019, January 15). mainzed/labelingsystem-client v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540714> <https://github.com/mainzed/labelingsystem-client>

Florian Thiery. (2017, February 24). *Labeling System Datamodel - Alperton Edition - 24/02/2017*. Zenodo. <http://doi.org/10.5281/zenodo.322257>

Florian Thiery. (2017, February 24). Labeling System Vocabulary - Aldgate Edition - 24/02/2017 (b). Zenodo. <http://doi.org/10.5281/zenodo.322265>

Conference Repositories

Florian Thiery. (2019, January 15). RGZM/dm-gt2019 v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540733> <https://github.com/RGZM/dm-gt2019>

Florian Thiery. (2019, January 15). RGZM/amt-kongeos2018 v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540731> <https://github.com/RGZM/amt-kongeos2018>

Florian Thiery. (2019, January 15). RGZM/amt-caauk2018 v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540729> <https://github.com/RGZM/amt-caauk2018>

Florian Thiery. (2019, January 15). RGZM/amt-eaa2018 v0.1 (Version v0.1). Zenodo. <http://doi.org/10.5281/zenodo.2540727> <https://github.com/RGZM/amt-eaa2018>

Florian Thiery. (2018, August 11). RGZM/amt-caa2018 1.0 (Version 1.0). Zenodo. <http://doi.org/10.5281/zenodo.1343916> <https://github.com/RGZM/amt-caa2018>

Florian Thiery. (2018, March 6). RGZM/amt-gt2018: first release (Version v1.0). Zenodo. <http://doi.org/10.5281/zenodo.1189254> <https://github.com/RGZM/amt-gt2018>