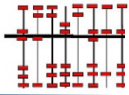


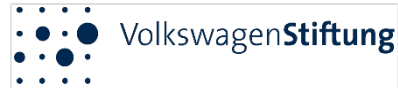


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## Modelling Vagueness and Uncertainty in Digital Humanities

9<sup>th</sup> -10<sup>th</sup> July 2020

Online for Speakers under: <https://conf.dfn.de/webapp/conference/979102392>

Public stream under: <https://www.conf.dfn.de/stream/nr5qhhrghuk2>

### Thursday 9<sup>th</sup> July 2020

10:00 -10:15 Opening session

10:15 – 11:15 **Session 1** Chair Walther v. Hahn

**Invited Talk:** Manfred Thaller, *“The Fog of History”*

**11:15 – 11:30 Break**

**11:30 – 12:15 Session 2** Chair Michael Piotrowski

Cristina Vertan, Walther v. Hahn, University of Hamburg: *„Detecting, Processing and Visualising Vagueness and Uncertainty sources in multilingual historical data collections“*

12:15 – 12:30 Discussions

12:30 – 13:30 Lunch Break

**13:30 -15:45 Session 3** Chair Cristina Vertan

13:30 – 14:00 Wieslawa Duzy, Polish Academy of Sciences *„Unclarity and Uncertainty of Historical Spatial data from Poland“*

14:00 – 14:30 Davor Lauc: *„Reasoning about inexact temporal expressions using fuzzy logic and deep learning“*

14:30 – 15:00 Dimitar Iliev, University of Sofia: *„What’s in a Name? Encoding Ambiguity in Ancient Greek Inscriptions from Bulgaria“*

15:00 – 15:45 Discussions

**15:45 – 16:00 Break**

**16:00 – 17:15 Session 4** Chair Cristina Vertan

16:00 – 16:30 Alexandra Pouulovassilis, Birkbeck Knowledge Lab: *„Managing missing and uncertain data on the UK museum sector“*

16:30 – 17:00 Marc Kupietz, IDS Mannheim, *„Coping with Uncertainty in Synchronous Corpus Linguistics“*

17:00 – 17:15 Discussions

## Friday 10th July 2020

**10:00 – 10:45 Session 5** Chair Walther v. Hahn

**Invited Talk:** Michael Piotrowski, University of Lausanne: *What Are We Uncertain About? The Challenge of Historiographical Uncertainty*

**10:45 – 11:00 Break**

**11:00 -12:30 Session 6** Chair Manfred Thaller

11:00 – 11:30 Fairouz Zendaoui, Ecole Nationale Supérieure d'Informatique, Alger *Quantifying and Representing Uncertainty of Historical Information*

11:30 – 12:00 Umberto Straccia, Italian National Research Council, „Fuzziness in Semantic Web languages“

12:00- 12:30 Francesca Lisi, University of Bari : „Representing Fuzzy Quantified Sentences in OWL 2“

12:30 – 12:45 Discussions

**12:45 – 13:45 Lunch Break**

**13:45 – 15:30 Session 7** Chair Cristina Vertan

13: 45 – 14:15 Fernando Bobillo , University of Zaragoza, „Fuzzy ontology reasoning and applications“

14:15 – 14:45 Jesús Medina, University of Cadiz, *DIGital FORensics: evidence Analysis via intelligent Systems and Practices (DigForASP). COST Action 17124. Goals and intermediate achievements.*

14:45 – 15:15 Franziska Diehr, Free University Berlin, *Modelling vagueness in the deciphering of Classic Mayan hieroglyphs - A criteria-based approach for the qualitative assessment of readings proposals*

15:15 – 15:30 Discussions

**15:30 – 15:45 Break**

**15:45 – 16:15 Final Discussions**

**16:15- Closing Session**

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**Organisers:** Cristina Vertan, Walther v. Hahn, Alptug Güney, Rafael Quirros Marin, Miguel Pedregosa, University of Hamburg

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