Institute Centre for Information Modelling

Austrian Centre for Digital Humanities

Annual Report 2021

ZM ZENTRUM FÜR INFORMATIONSMODELLIERUNG AUSTRIAN CENTRE FOR DIGITAL HUMANITIES

UNI GRAZ

PREFACE

A lot has happened at ZIM, in 2021. In autumn, our long-time Head, Ass. Prof. Dr. Johannes Stigler, retired. Johannes established and continued to build up the ZIM since it was still a centre. With GAMS, he gave it a technical infrastructure that enjoys an international reputation, and with a steady hand he selected staff who have cultivated and preserved the spirit of doing excellent work while standing together through many institutional changes, so that even the most recent changes, with ZIM becoming an Institute, have not been able to throw the Centre for Information Modelling off course. Hence, it could be easily overlooked that the first professorship for Digital Humanities in Austria has now become a permanent §98 professorship (since February 2021). It could also be overlooked that the ZIM team has increased six-fold during his tenure. Users of our resources hosted in GAMS might also not notice that their projects will be delivered by the fourth iteration of our humanities asset management system in 2022.

The public did notice, however, that ZIM was able to acquire a second ERC grant in 2021. Under the title "From Digital to Distant Diplomacy", I and a team of seven fellow researchers will seek to contribute to the digital transformation of manuscript research. The success of our ERC proposals has strengthened us as a team and as a faculty. We are happy to support our colleagues in this.

The ZIM team has also changed in 2021, through growth and through moves, as is common in academic institutions: Leif Scheuermann has taken up a professorship in Trier, graduates have started their careers outside the University of Graz, student assistants are concentrating on their studies, staff members have changed institution or department. Good luck, Franz, Martina, Vera, Sabrina, Marie, Alex, Astrid, Unmil, Hans, Verena, Leif and Gerlinde! We hope to welcome some of you back again when doctoral theses will start or project proposals will be approved.

But staff members also have rejoined: Sarah Lang has finished her dissertation on "Digitally decoding alchemical aliases. Polysemantic annotation and machine reasoning using the corpus of the iatrochymist Michael Maier (1568-1622)" and, after research stays as a Beckman Fellow at the Science History Institute Philadelphia (USA) and as a Research Fellow at the Boltzmann Institute for Neo-Latin Studies in Innsbruck, has started a position at ZIM as a PostDoc.

ZIM's international outreach is also visible in the fact that Bernhard Bauer has come to us from Maynooth (Ireland), having been awarded an MSCA Fellowship. Another new member of the team is Lucija Krušić, who has moved to ZIM from the Graz University of Technology and once again underlines the Digital Humanities' role as a bridge and mediator between Humanities and computational studies. Out of the many committed students, a few have recently joined us as staff members. A warm welcome to ZIM to all of you!

ZIM staff have also attracted attention for their excellent teaching, like Christopher Pollin in his introductory courses in computer science, and for their exemplary commitment to the infrastructure so necessary for our work, like Gunter Vasold and Fabio Tosques, who tirelessly face up to technical change and do far more for the modernisation of GAMS than would be expected from their job profile: the university has recognised their outstanding work with the Anton Schelnast Prize.

The ZIM naturally radiates in the multitude of projects and project partners that we realise together with our partners at the University of Graz. 2021 also saw the addition of several new projects that reach far beyond the university. For example, the cooperation with the Graz Museum in the BeUrb project has been successfully completed, we continue to cooperate very well with Bernhard Geiger from the KNOW Center beyond the DiSpecs project term, a pioneering digital edition is being created in cooperation with the Historical Commission at the Bavarian Academy of Sciences in Munich, we are part of the Digital Publishing Cooperative funded by the Mellon Foundation under the leadership of the University of Virginia, and we are leading the national flagship project "Digital Transformation of the Austrian Humanities" (DiTAH).

The national and international impact of ZIM is particularly due to Walter Scholger, who is advancing the Digital Humanities in Austria and in Europe, as spokesperson of the Austrian CLARIAH consortium, as organiser of national activities with broad impact such as the CLARIAH-AT Twitter showcase in April and as an important author of the national DH strategy, but also as a co-opted member of the board of the Association of Digital Humanities in German-speaking countries (DHd) and collaborator of various European and worldwide DH activities. As "Mister DH2023", he will maintain this status - and we can look forward to Graz becoming the focus of global DH activities in 2023 as the host of the annual conference of our disciplinary international umbrella organisation ADHO.

A lot has happened in 2021 - a lot will continue to happen at the Centre for Information Modelling - and I am not surprised, with this dedicated and creative team pulling together to do excellent factual work for meaningful digitisation in the humanities.

Graz, January 2022
Georg Vogeler

STAFF

Head: Univ.Prof. Dr.phil. G. Vogeler

Academic Staff

Administrative Staff and Research Technologists

Third-party funded staff:

Postdoc

Praedoc

Stud. Ass.

Current staff (December 2021):

- Bauer, Bernhard, Mag. Dr.phil.
- Bleier, Roman, Mag. MA PhD
- Decker, Erna Gisela
- Eibinger, Julia, BA
- Galka, Selina, BA BA MA
- Klug, Helmut Werner, Mag. Dr.phil.
- Koch, Carina, Mag.phil. MA
- Krottmaier, Sina, BA BA
- Krušić, Lucija, mag. educ. inf. et philol. angl.
- Lang, Sarah, Mag. Mag. Dr.phil. BA MA MA
- Pollin, Christopher, BA MA MA
- Raunig, Elisabeth, BA MA
- Sagadin, Suzana, BA
- Sarić, Sanja, MA

- Scholger, Martina, Mag. Dr.phil.
- Scholger, Walter, Mag.phil.
- Sonnberger, Jakob, BA
- Steiner, Christian, Mag.phil. MA
- Steiner, Elisabeth, Mag.phil. MA
- Stoff, Sebastian, BA BA MA MA MA
- Strutz, Sabrina, BA MA
- Tosques, Fabio, MA
- Tscherne, Niklas, BA MA
- Vasold, Gunter, Mag.
- Vogeler, Georg, Univ.-Prof. Dr.phil. MA
- Winslow, Sean Michael, PhD
- Zuanni, Chiara, Ass.-Prof. PhD

Former staff (in 2021):

- Bachlechner, Verena
- Böhm, Astrid, BA MA
- Bürgermeister, Martina, Mag. MA
- Charvat, Vera, Mag.phil.
- Clausen, Hans, BA MA
- Dörfler, Franz, BA MA
- Fruhwirth, Alexander, BA

- Karadkar, Unmil, PhD
- Melcher, Sabrina, Bakk.Phil., MA
- Scheuermann, Leif, Priv. Doz, Dr.Phil.
- Schneider, Gerlinde
- Stigler, Johannes, Ass.Prof.i.R. Mag. Dr.phil.
- Stüger, Marie, BA

OUR MISSION

Our mission is focused around these three pillars:

- Research on the effects of digitisation on questions, methodological approaches and epistemological processes in the humanities as well as the use of digital methods in culture and society.
- Collaboration and digital research support in the humanities, in particular in relation to the maintenance and further development of the logistical and technical infrastructure (GAMS) for the long-term availability of digital research outputs from the humanities.
- Training young researchers in the field of digital humanities.

Research focus

Digital Asset Management

This research area focuses on the archive and presentation of humanities research data, also with the development of the GAMS infrastructure.


CoReMA

Digital Editions

This research area focuses on the representation and analysis of humanities sources and text corpora, drawing on semantic web technologies and the research strand on digital asset management.

Digital Museology

This research area focuses on the digitisation of cultural heritage, the digital transformation of museums and their impact on cultural audiences.
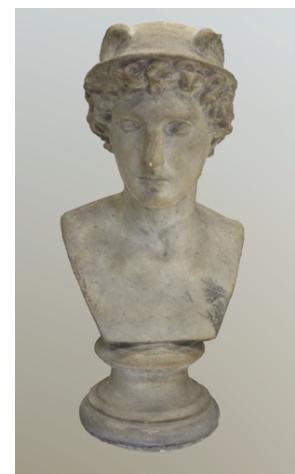
PROJECTS

ZIM is currently leading, or participating in, a series of research projects funded by the European Union (with Georg Vogeler winning an ERC Advanced Grant in 2021), by the Austrian Government (ZIM leads a consortium of universities in a flagship project funded by BMBWF), by the Austrian Science Fund (FWF), and by a series of other international, national, and regional funders.

EU

ERC	From Digital to Distant Diplomatics (DiDip)	*Data Science and AI in diplomatic research*
H2020	- Redefining the future of cultural heritage, through a disruptive model of sustainability (ReInHerit)	*Digital Hub for cultural heritage stakeholders*
	- Early Medieval Glosses And The Question Of Their Genesis: A Case Study On The Vienna Bede	*Digital Editions & medieval Glosses*
Erasmus+	Improving the Digital Competences and Social Inclusion of Adults in Creative Industries	*digital skills for the cultural and creative industries*
DARIAH	Contemporary collecting and COVID-19: barriers, bottlenecks, and perspectives in digital curation	*Contemporary collecting and memories of COVID-19*

FWF
Austrian Science Fund

- Between Composition and Reception: The Authority of Medieval Charters
- Power and Diplomacy. The Illuminated Charter in France
- Retain Domain Specific Functionalities in a Generic Repository with Humanities Data
- Der Reichstag von 1576
- The Mediality of Diplomatic Communication: Habsburg Envoys in Constantinople in the Mid-17th Century
- Kofler intermedial. Kommentierte Werkausgabe Werner Kofler (Radio, Film, Theater)
- Picturing Migrant Workers' Lives
- Cooking Recipes of the Middle Ages: Corpus, Analysis, Visualisation
- Wissenschaftskommunikation aus den Geisteswissenschaften mit integrativem Zugang: "Science Ink"

DiSpecs

BeUrb
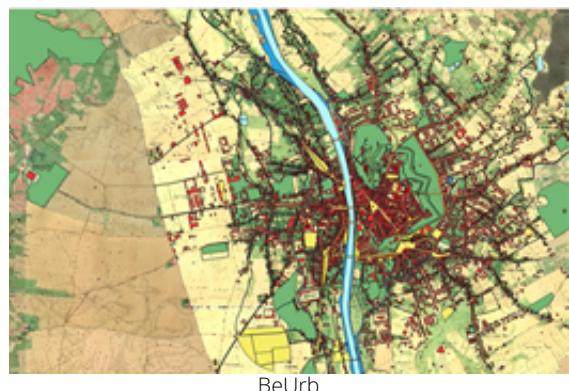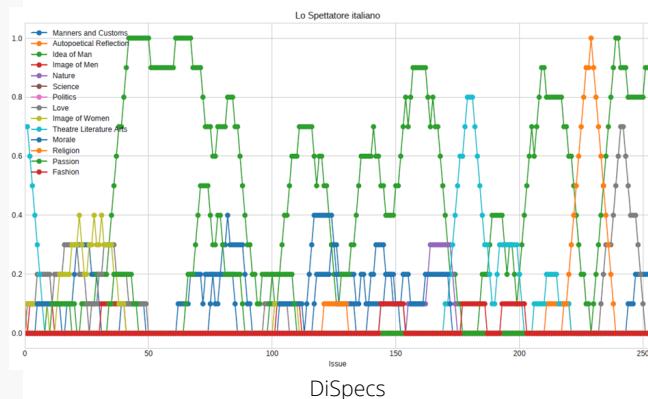
BMBWF

DiTAH: Digitale Transformation der österreichischen Geisteswissenschaften

ÖAW
Austrian Academy of Sciences

- Becoming Urban - A Geoinformationsystem for the city of Graz in the long 19th century
- Distant Spectators: Distant Reading for periodicals of the Enlightenment
- Nuns and Monks - Prosopographical Interfaces

Other Funders

- Digital Edition Publishing Cooperative for Historical Accounts
- University of Virginia/Stanford University Digital Publishing Cooperative: Infrastructure for the Creation, Publication, and Discovery of Digital Scholarly Editions and Projects
- British Academy Hearth Tax Online Project
- Digitale Edition Stefan Zweig
- Historical Ontology of Urban Spaces (HOUSe)
- Twilight Zones. Liminal Texts 1880-1940 (Austria, France, Germany)
- Digitale Erinnerungslandschaft - digitale Erinnerungspädagogik im Umgang mit den Opfern des Nationalsozialismus.

INFRASTRUCTURE

The Centre for Information Modelling develops GAMS (Humanities Asset Management System), within the framework of a large number of collaborative projects with both internal and external university partners, and taking into account the specific requirements of humanities research.

GAMS is a fully OAIS (Open Archival Information System)-compliant asset management system for the management, publication and long-term archiving of digital resources from the Humanities. It enables scholars, researchers and students to manage and publish resources, with a permanent identification and enriched with metadata.

GAMS was first certified as a trusted digital repository in alignment with the principles of the Data Seal of Approval in 2014. Since 2019 we carry the CoreTrustSeal. GAMS is also registered with the Registry of Research Data Repositories and OpenDOAR.

Since 2020, ZIM is one of around 20 CLARIN-B Centres. CLARIN stands for "Common Language Resources and Technology Infrastructure" and it is the European Research Infrastructure Consortium (ERIC) providing access to digital language data for scholars in the social sciences and humanities.

CLARIN B-Centres are Service Providing Centres and constitute the core of this ERIC. These are units that offers access to resources, services, and tools on a sustainable basis and have passed a series of strict requirements, guaranteeing their conformity to the ERIC.

TEACHING

Basismodul

The Basismodul is a module for undergraduates in the Faculty of Humanities, introducing them to key themes in the digital field, with a focus on the digital transformation of humanities research. For example, it covers the functioning of the World Wide Web; media theory and the Web 2.0; information finding for humanities research (e.g. through online archives and library services); digital safety and security; copyright and data protection; cultural institutions in the digital space; digital research methods for textual sources and digital editions; social media research.

Summer semester 2021 155 students completed the Basismodul

Winter semester 2021/22: 213 students enrolled in the Basismodul

Certificate "Informationsmodellierung"

8 Certificates awarded in 2021

Students at the Faculty of Humanities can take this module as part of their elective subjects. The module offers an overview of electronic media and their technological, social and historical implications, and an introduction to digital methods for working with textual sources and with semantic web technologies. At the end, the students receive an official certificate by the University of Graz to document their additional qualification.

MA Digital Humanities

ZIM launched the first MA in Digital Humanities in Austria in 2017/2018, and since 1.10.2021 the Curriculum was renewed.

It is a two years MA organised in five modules:
- Module A: Introduction to the Digital Humanities
- Module B: Data structures and Programming
- Module C: Specialised digital methods
- Module D: Sustainability and Research Data
- Module E: Theories and uses of digital humanities research

5 completed MAs in 2021

72 students enrolled across all semesters

15 new enrollments in WS 2021/22

Doctorates

In 2021, Sarah Lang has successfully concluded her PhD with a thesis titled "Alchemische Decknamen digital entschlüsseln: polysemantische Annotation und Machine Reasoning am Beispiel des Korpus des Iatrochymikers Michael Maier (1568–1622)". Currently, there are six PhD candidates at ZIM. They work on versioning systems in digital humanities (Martina Bürgermeister), multimodal digital editions (Hans Clausen), Linked Open Data between the humanities and life sciences (Christian Steiner), and Knowledge-based Resource Discovery for data in the humanities (Christopher Pollin), Lucija Krušić (computer linguistic), and Sebastian Stoff (sustainability and DH-Software). ZIM also participates in the Doctoral Programme "Digital Transformation", led by the Human Factor in Digital Transformation research network at the University of Graz.

DH CRAFT

The Digital Humanities are located at the intersection of the humanities and computer science. DH aim to research the development and application of digital methods in the humanities. At ZIM, projects that meet the specific requirements of the domains of origin in the humanities are implemented in this context. The focus is particularly on the development, use and reflection of digital methods for formulating and answering subject-specific research questions.

Within this highly focused niche, there is a need for project implementation (data modelling, data analysis, databases, web, software and workflows development), consulting (data management plans, funding applications, digital long-term archiving, project management) and teaching/training. Digital Humanities Craft OG, as a spin-off of ZIM, tries to fill this gap and offers IT services and consultancy in support of research.

This is made possible thanks to funding from Unicorn Graz, which supports university employees on their way to self-employment with its "Start-Up Workshop" funding programme. Christian Steiner and Christopher Pollin, both doctoral students in digital humanities, were able to found their company in February 2022 thanks to this excellent funding programme.

NETWORKS

ZIM is active in a series of networks and its staff contributes to national and international associations.

European Research Infrastructures

ZIM is a CLARIN-B centre, active within the DARIAH-EU ERIC, where it participates in different working groups with leading roles.

ZIM (with Walter Scholger) is also co-leading with the ÖAW the development of CLARIAH-AT, the consortium of institutions that coordinates and promotes Austrian activities in the European research infrastructures CLARIN (Common Language Resources and Technology Infrastructure) and DARIAH (Digital Research Infrastructure for the Arts and Humanities).

Digital Humanities Associations

ZIM will be hosting the 2023 Digital Humanities conference by ADHO, the Alliance of Digital Humanities Organisations.

Besides, ZIM members are active within the German, Italian, and Austrian digital humanities associations and, in 2021, have presented at their annual conferences, participating also in their scientific committees.

In addition, ZIM is active in the Research Data Alliance and in the Text Encoding Initiative community. Martina Scholger is Chair of the TEI Technical Council.

Digital Cultural Heritage Associations

ZIM members participates also in digital cultural heritage networks, such as ICARUS, the International Centre for Archival Research, the Austrian Digital Art History community, and Europeana Pro, the Austrian museum association, Heritage Science Austria, and other cultural heritage networks.

PUBLICATIONS

Edited journal issues / books

Roeder, Torsten, and Martina Scholger (Eds.). *RIDE 14: Scholarly Editions.* Online: IDE, 2021.

Spadini, Elena, Francesca Tomasi, and Georg Vogeler (Eds.). *Graph Data-Models and Semantic Web Technologies.* Norderstedt: Books on Demand, 2021.

Zuanni, Chiara (Eds.). *Museum and Society. Special Issue: Digital (and) Materiality in Museums.* Online: University of Leicester, 2021.

Journal Papers

Arvanitis, Kostas, and Chiara Zuanni. „Special Issue Editorial: Digital (and) Materiality in Museums." *Museum and society* 19, no. 2 (2021): 143–148. DOI: 10.29311/mas.v19i2.3844.

Bauer, Bernhard. 'Review of *Language and Chronology. Text Dating by Machine Learning. Language and computers: Studies in Digital Linguistics, 84. (*Gregory Toner and Xiwu Han)'. *Cambrian Medieval Celtic Studies* 81 (Summer 2021): 119–120.

Bleier, Roman. „How to cite this edition?" *Digital Humanities Quarterly* 15, no. 3 (2021): 1–23.

Klug, Helmut W. „Mittelalterliche Kulinarik." *Österreich in Geschichte und Literatur mit Geographie* 64 (2021): 499–501.

Amots, Dafni, Blanché, Cesar, Aqil Khatib, Salekh, Petanidou, Theodora, Aytaç, Bedrettin, Pacini, Ettore, Kohazurova, Ekaterina, Geva-Kleinberger, Aharon, Shahvar, Soli, Dajic, Zora, Klug, Helmut W., Benítezch, Guillermo. „In search of traces of the mandrake myth: the historical, and ethnobotanical roots of its vernacular names." *Journal of Ethnobiology and Ethnomedicine* 17, no. 1 (2021): 68-102. doi:10.1186/s13002-021-00494-5

Zuanni, Chiara. „Theorizing Born Digital Objects: Museums and Contemporary Materialities." *Museum and society* 19, no. 2 (2021): 184–198. DOI: 10.29311/mas.v19i2.3790.

Contribution in a collection / Book chapters

Bleier, Roman. „Canonical structure and the referencing of digital resources for the study of ancient and medieval Christianity." In *Digital Humanities and Christianity: An Introduction,* by Claire Clivaz and Timothy Hutchings (Eds.), 77–102. Berlin/Boston: De Gruyter, 2021.

Klug, Helmut W., Christian Steiner, Fritz Treiber, Julia Eibinger, und Astrid Böhm. „A journey back in taste: Herbs and Spices in Medieval German Cuisine." In *Herbs and Spices: Proceedings of the Oxford Symposium on Food and Cookery 2020*, by Mark McWilliams (Eds.), 193–207. London: Prospect Books, 2021 (in print).

Krušić, Lucija, Barbara Schuppler, Martin Hagmüller, und Simone Kopeinik. „Exploring Gender Bias in Austrian Education: Seeing What Students are Exposed to." In *Conference Proceedings of the STS Conference Graz 2021.,* by Nicki Lisa Cole, Michaela Jahrbacher and Günter Getzinger (Eds.), 243–262. Graz: Verlag der Technischen Universität Graz, 2021.

Lang, Sarah, und Megan Piorko. „An alchemical cipher in a shared notebook of John and Arthur Dee (Sloane MS 1902)." [Work in Progress]. In *Proceedings of the 4th International Conference on Historical Cryptology HistoCrypt 2021,* by Carola Dahlke (Eds.). Linköping: Linköping Electronic Conference Proceedings 183, 2021. DOI: https://doi.org/10.3384/ecp183.

Lang, Sarah. „Assessing Michael Maier's Contributions to Francis Anthony's Apologia (1616) Using Stylometry." In *Proceedings of the Conference on Computational Humanities Research 2021. 17.-19. November 2021, Amsterdam,* by Maud Ehrmann et al. (Eds.), 346–358. Aachen: CEUR-WS, 2021. http://ceur-ws.org/Vol-2989/short_paper44.pdf.

Lang, Sarah. „Digitale Erschließungsmethoden für alchemische Texte am Beispiel der Symbola Aureae Mensae Michael Maiers." In *Alchemie - Genealogie und Terminologie, Bilder, Techniken und Artefakte. Forschungen aus der Herzog August Bibliothek,* by Petra Feuerstein-Herz and Ute Frietsch (Eds.), 133–152. Göttingen: Harrassowitz, 2021.

Scholger, Martina. „Weigand, Hans." In *Allgemeines Künstlerlexikon (AKL). Die Bildenden Künstler aller Zeiten und Völker,* by Andreas Beyer, Bénédicte Savoy and Wolf Tegethoff (Eds.). Berlin: De Gruyter, 2021.

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Scholger, Martina. „Witek, Anita." In *Allgemeines Künstlerlexikon (AKL). Die Bildenden Künstler aller Zeiten und Völker,* by Andreas Beyer, Bénédicte Savoy and Wolf Tegethoff (Eds.). Berlin: De Gruyter, 2021.

Vogeler, Georg. „,Standing-off trees and graphs': on the affordance of technologies for the assertive edition." In *Graph Data-Models and Semantic Web Technologies*, by Elena Spadini, Francesca Tomasi, and Georg Vogeler (Eds.), 73–95. Norderstedt: Books on Demand (Schriften des Instituts für Dokumentologie und Editorik, 15), 2021.

Vogeler, Georg. „Reading an XML Text Like a Human with Semantic Web Technologies. Learning from the Basel City Accounts as Digital Edition." In *Materialized Histories. Eine Festschrift 2.0 für Prof. Dr. Susanna Burghartz,* by Tina Asmussen, Eva Brugger, Maike Christadler, Anja Rathmann-Lutz, Anna Reimann, Carla Roth, Sarah-Maria Schober, Ina Serif (Eds.). Basel: Departement Geschichte, 2021. https://mhistories. hypotheses.org/783.

Wareham, Andrew, Theresa Dellinger, Jakob Sonnberger, Aaron Columbus, und Georg Vogeler. „The 'Confronting the Digital' Debate and an Assertive Digital Edition: British History and Hearth Tax Records." In *DHN 2020. Digital Humanities in the Nordic Countries 2020. Post-Proceedings of the 5th Conference Digital Humanities in the Nordic Countries (DHN 2020), 21.-23. Oktober 2020, Riga*, by Sanita Reinsone, Inguna Skadina, Janis Daugavietis, Anda Bakläne (Eds.), 38–50. Wien: CEUR-WS (CEUR-Workshop Series, 2865), 2021.

Contributions to the 'KONDE Weißbuch'

The 'KONDE Weißbuch' is a collection of entries defining key themes and topics in the field of digital editions.

Bleier, Roman, and Helmut W. Klug. „Persistent Identifier." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. Handle: hdl.handle.net/11471/562.50.12.

Galka, Selina, and Gerda Moser. „Gamification." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. http://www.digitale-edition.at/o:konde.89.

Galka, Selina. „Annotationsstandards." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. https://www.digitale-edition.at/o:konde.29.

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Galka, Selina. „Barrierefreies Webdesign." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. https://www.digitale-edition.at/o:konde.35.

Galka, Selina. „Datenvisualisierung." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. https://www.digitale-edition.at/o:konde.54.

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Galka, Selina. „Digitale Musikedition." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project 'Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. https://www.digitale-edition.at/o:konde.139.

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Galka, Selina. „Gesamtausgabe." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project ‚Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. http://www.digitale-edition.at/o:konde.91.

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Galka, Selina. „Historisch-kritische Ausgabe/Edition." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project ‚Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021. http://www.digitale-edition.at/o:konde.93.

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Galka, Selina. „Kontrollierte Vokabularien: GND." In *KONDE Weißbuch*, by Helmut W. Klug (with Selina Galka and Elisabeth Steiner), HRSM project ‚Kompetenznetzwerk Digitale Edition' (Eds.). Graz: Universität Graz, 2021., http://www.digitale-edition.at/o:konde.109.

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ACADEMIC EVENTS

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Bleier, Roman, Torsten Roeder, Patrick Sahle, Lena-Luise Stahn, and Nadine Sutor. *Digitale Editionen- Masterclass*. Wuppertal, 22.02.2021 - 26.02.2021.

Burnard, Lou, Borja Nararro, Carolin Odebrecht, and Martina Scholger. *ELTeC Datathon*. Online, 27.09.2021.

Research Network HFDT. *Online Symposium des Forschungsnetzwerks Human Factor in Digital Transformation*. Universität Graz, 18.01.2021.

Geiger, Bernhard, Christina Glatz, Elisabeth Hobisch, Phillip Koncar, Sanja Sarić, Martina Scholger, and Yvonne Völkl. *Workshop and Lectures on Sentiment Analysis in Literary Studies*. Online, 17.02.2021 - 19.02.2021.

McManus, Alison, Sarah Hijmans, and Sarah Lang. *SHAC postgraduate workshop Secrets of Matter* Matters of Secrecy (online), 03.06.2021 - 04.06.2021.

Pollin, Christopher. *Arbeitsgespräch zur Gründung eines DFG-Netzwerks ‚Digital Economic History – Data and Methods (c.1300-c.1800)‘*. Online, 14.09.2021.

Zuanni, Chiara. *DARIAH Theme ‚Contemporary collecting and the pandemic‘- 4 online events*. Online, 15.06.2021 - 30.11.2021.

Lunchtime Lectures

Karl, Stephan, and Reinhold Preiner. „Von 3D zu 2D – Elastische Abrollungen griechischer Vasenmalerei." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 20.01.2021.

Scheuermann, Leif. „Das STRADA-Projekt. Ein Vorbericht." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 17.03.2021.

Liuzzo, Pietro. „Joining a small community of diverse users in a flexible research environment: Beta Masaheft and Ethiopian Studies." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 21.04.2021.

Bakogianni, Sophia. „Understanding the User Experience on Museums' Social Media." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 26.05.2021.

Christlein, Vincent. „Handwriting Analysis and Generation." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 30.06.2021.

Champion, Erik. „Games as Serious Visualisation Tools For Digital Humanities, Cultural Heritage and Immersive Literacy." *Lunchtime Lectures.* Zentrum für Informationsmodellierung, Graz (online), 06.10.2021.

Bergel. Giles. „Computer vision and the printed book. How to detect, macht, compare and classify book parts." *Lunchtime Lecture.* Zentrum für Informationsmodellierung, Graz (online), 17.11.2021.

Lang, Sarah. „Zur Definition eines Experimentbegriffs für die Computational Humanities." *Lunchtime Lectures*. Zentrum für Informationsmodellierung, Graz (online), 15.12.2021.

Conference presentations

Allés-Torrent, Susanna, Hugh Cayless, Gimena del Rio Riande, Luis Meneses, Kiyonori Nagasaki, and Martina Scholger. „I18n: Building a TEI Multilingual Community." *TEI Conference and Members' Meeting 2021.* Online, 27.10.2021.

Bauer, Bernhard. „Gloss-Vibe: Ein (weiterer) Schritt zu einer digitalen Keltologie." *FEMBI 2021. Forschungstag zum englischen Mittelalter, den Britischen Inseln und Irland* . Uni Köln (online), 22.09.2021.

Bleier, Roman, Gabriele Haug-Moritz, and Florian Zeilinger. „Reichstagsakten edieren im 21. Jahrhundert - zum digitalen "Ende" einer mehr als 150jährigen Editionsgeschichte. Ein Bericht aus der Werkstatt des Regensburger Reichstags von 1576." *Kolloquium Neuzeit.* Universität Achen, 22.06.2021.

Bleier, Roman; Christopher Pollin, and Georg Vogeler. „Ich glaube, Fakt ist...: der geschichtswissenschaftliche Zugang zum Edieren." *Digital History: Konzepte, Methoden und Kritiken digitaler Geschichtswissenschaften, AG Digitale Geschichtswissenschaft im VHD*. Göttingen, 17.03.2021.

Bleier, Roman, Florian Zeilinger, and Georg Vogeler. „Meeting, negotiating, petitioning: towards a conceptual model for communication in early modern parliamentary systems." *Data for History 2021: Modelling Time, Places, Agents.* Greie Universität Berlin & Data for History Consortiums (Berlin/online), 19.05.2021.

Böhm, Astrid. „Transmission contexts of medieval German cooking recipes." *The Culinary Recipe from the XIIth to the XVIIth centuries (Europe, Islam, Far East). CoReMA Symposium 2021.* Universität Graz & Universität Tours (online), 26.05.2021.

Böhm, Astrid; Julia Eibinger, Helmut W. Klug, and Christian Steiner. „CoReMA – Cooking Recipes of the Middle Ages." *Colloquium 2020/21 ‚Neues aus dem Mittelalter'.* TU Darmstadt - Institut für Geschichte (online), 19.01.2021.

Burghardt, Manuel, Lisa Dieckmann, Nils Reiter, Walter Scholger, Steyer Timo, Peer Trilcke, and Ulrike Wuttke. „Besseres Reviewing für die DHd (Konferenzen des Dachverbandes für Digital Humanities im deutschsprachigen Raum)." *vDHd2021 - Virtuelle DHd Konferenz 2021*. Online , 25.03.2021.

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Gärtner, Ursula, Lukas Spielhofer, and Sarah Lang. „Grazer Repositorium antiker Fabeln." Universität Potsdam, Universität Potsdam (Potsdam/online), 07.07.2021.

Vogeler, Georg, and Žarko Vujošević. „Using non-TEI vocabularies in TEI descriptions." TEI Conference and Members' Meeting 2021 ‚Next-Gen TEI'. Online, 27.10.2021.

Hannesschläger, Vanessa, Koraljka Kuzman-Slogar, and Walter Scholger. „What data protection is all about: The DARIAH-EU ELDAH Consent Form Wizard." ICARUS Annual Conference ‚Archives – borders, identities, reflections'. Online, 25.03.2021.

Hobisch, Elisabeth, and Martina Scholger. „Sentiment analysis for 18th century periodicals." Österreichisches Treffen zu Sentimentinferenz (ÖTSI). Österreichische Linguistik-Tagung 2021. Online, 11.12.2021.

Kaier, Christian, and Walter Scholger. „(Digital) Publishing." Uni for Life. Graz, 27.04.2021.

Klug, Helmut W., and Julia Eibinger. „‚Imagine a zoo …' – Show and surprise dishes in German medieval Cuisine, an homage to the medieval chef." Oxford Food Symposium. Oxford, 10.08.2021.

Klug, Helmut W., Christian Steiner, and Julia Eibinger. „Semantic Annotation of Cooking Recipes as Intangible Heritage." Lancaster University. Online, 19.03.2021.

Klug, HelmutW. „German cooking recipes as part of the medical tradition of the Middle Ages." CONSORTIUM FOR HISTORY OF SCIENCE, TECHNOLOGY AND MEDICINE: Medieval European Medical Manuscripts. Online, 29.04.2021.

Lamprecht, Gerald, Sebastian Stoff, Grit Oelschlegel, Georg Marschnig, Lukas Nievoll, and Viktoria Kumar. „DERLA: Digitale Erinnerungslandschaft – Projektpräsentation." Digital Memory – Digital History – Digital Mapping. CJS - Centrum für Jüdische Studien, Graz (Graz/online), 23.09.2021.

Lang, Sarah. „Assessing Michael Maier's Contributions to Francis Anthony's Apologia (1616) Using Stylometry." Computational Humanities Research 2021. Amsterdam (Amsterdam/online), 19.11.2021.

Lang, Sarah. „Computational Approaches to (Mining) Alchemical Texts." Leipzig Research Colloquium. Universität Leipzig (Leipzig/online), 08.12.2021.

Lang, Sarah. „Decoding alchemical cryptographical devices digitally. Decknamen, rhetoric of secrecy and machine reasoning." Renaissance Society of America 2021 Annual Meeting (virtual symposium). Renaissance Society of America (online), 21.04.2021.

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Piorko, Megan, and Sarah Lang. „Decrypting the Philosophers' Stone. An Alchemical Cipher in a Shared Notebook by John Dee and Arthur Dee." *Science History Institute Fellow's Talks*. Science History Institute, Philadelphia (Philadelphia/online), 07.12.2021.

Piorko, Megan, and Sarah Lang. „Sloane MS 1902 Alchemical Cipher." *SHAC postgraduate workshop Secrets of Matter, Matters of Secrecy*. Society for the History of Alchemy and Chemistry (Online) 03.06.2021.

Pollin, Christopher. „'Dashboardfizierung' Historischer Rechnungsbücher. Ontologiebasierte Informationsvisualisierung für historische Daten." *DH-Kolloquium BBAW*. Berlin-Brandenburgische Akademie der Wissenschaften, Berlin, 07.05.2021.

Pollin, Christopher. „Mapping Semantic Constructs in Historical Domains to Visual Structures as Basis for Resource Discovery Using the Example of Historical Financial Records." *Data for History Conference 2021.* Humboldt-Universität zu Berlin – CNRS & Université de Lyon - LARHRA, Berlin, 30.07.2021.

Pollin, Christopher. „Modellierung historischer Rechnungsbücher: DEPCHA." *DH-Kolloquium Uni Köln.* Universität Köln (online), 22.04.2021.

Pollin, Christopher „Named Entities - Web of Data." *Winter School: Digitale Editionen – Masterclass*. Universität Wuppertal (online), 23.02.2021.

Pollin, Christopher, and Max Grüntgens. „*'Und wie komme ich nun zu diesem verflixten RDF!?'. Evaluierung von Datentransformationszenarien für RDF. Netzwerk Offenes Mittelalter DFG-Netzwerk." Daten. Netzwerk Offenes Mittelalter*. DFG-Netzwerk, Netzwerk Offenes Mittelalter (online), 06.10.2021.

Sarić, Sanja, and Martina Scholger. „Sentiment Analysis 101." *Workshop and Lectures: Sentiment Analysis in Literary Studies*. Graz, 17.02.2021.

Schlögl, Matthias, Georg Vogeler, Gunter Vasold, and Richard Hadden. „IPIF - pragmatic modelling decisions." *Data for History 2021: Modelling Time, Places, Agents*. Data for History Consortium, Berlin (Berlin/online), 09.06.2021.

Scholger, Walter. „Communicating Digital Heritage: Ethical and Legal Barriers - and some ways to overcome them - to Open Access." *Digital Humanities & Heritage (1st DARIAH-HR international Conference)*. DARIAH-HR, Zadar, 15.10.2021.

Scholger, Walter. „Data for the classes: requirements, hurdles and ideas for using CH data in DH classrooms." *]Openness[ONB Labs Symposium 2021*. Österreichische Nationalbibliothek (online), 24.11.2021.

Scholger, Walter. „Stronger together – the CLARIAH-AT consortium of Austrian stakeholders in Digital Humanities." *DARIAH-CZ National Workshop 2021.* czADH (Česká asociace pro digitální humanitní vědy) (online), 21.10.2021.

Scholger, Walter, and Christian Steiner. „Impact durch Informationsmodellierung - Wissenstransfer in den Digital Humanities." *Impact Café 'GSK- und EEK-Impact – Entdecken der Möglichkeiten'*. Universität Graz (Forschungsmanagement), Graz, 22.10.2021.

Scholger, Walter, Vanessa Hannesschläger, Pawel Kamocki, and Koraljka Kuzman-Slogar. *Data Protection in Research Practice: The GDPR and the ELDAH Consent Form Wizard.* SSHOC (Social Sciences & Humanities Open Cloud) & DARIAH-HR, 13.10.2021.

Scholger, Walter. *Open Science Support - Rechtliche Aspekte.* Universitätslehrgang Library and Information Studies (MSc). Universität Graz, 19.03.2021.

Scholger, Walter. *Urheberrechtsfragen in der (digitalen) Lehre.* FH Campus Wien, 09.03.2021.

Stoff, Sebastian. „Abschlusspräsentation des ÖAW-Projekts ‚Nuns and Monks – Prosopographical Interfaces (NAMPI)'." *GAM - Geschichte am Mittwoch.* Universität Wien, 03.11.2021.

Stoff, Sebastian, and Selina Galka. „DERLA ALS DIGITALE EDITION AM GAMSAUS PERSPEKTIVE DER DIGITALENLANGZEITARCHIVIERUNG." *Digital Memory – Digital History – Digital Mapping.* CJS - Centrum für Jüdische Studien, Graz (Graz/online), 24.09.2021.

Vogeler, Georg. „Between Distant and Digital History." *Patrimonio culturale medievale e tecnologiedigitali: ricerca, formazione, terza missione.* Università degli Studi ‚Federico II.', Naples, 20.05.2021.

Vogeler, Georg. „Data Management and Long-Term Preservation at the Centre for Information Modelling in Graz." *FORGE 2021.* Universität zu Köln, 10.09.2021.

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