LREC 2020 Workshop
Language Resource and Evaluation Conference
11–16 May 2020

1st International Workshop on Artificial Intelligence for Historical Image Enrichment and Access (AI4HI-2020)

PROCEEDINGS

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Proceedings of the LREC 2020 First International workshop on Artificial Intelligence for Historical Image Enrichment and Access (AI4HI-2019)

Edited by:
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Preface

AI4HI-2020 is a major forum that brings together participants from various disciplines to present, discuss, disseminate and share insights on the exploitation of Artificial Intelligence (AI) techniques, semantic web technologies and language resources for the semantic enrichment, search and retrieval of cultural images for the first time. The workshop is co-located with the 12th Edition of Language Resources and Evaluation Conference at the Palais du Pharo, Marseille, France.

Semantic web technologies are capable of enriching the data with the required semantics; however, existing ontologies and available models do not fully support the domain-specific requirements of users. The workshop attracts significant attention to make historical images accessible to the general public, as more domain-specific semantics becomes available. The AI4HI-2020 workshop has a general focus on the application of artificial intelligence, semantic web technologies such as ontologies, thesauri and controlled vocabularies, and language resources to enrich and improve access to images related (but not limited) to historical and cultural heritage. This workshop provides the platform to discuss research results including experiments, use cases, experiences, best practices, methods and recommendations for the use of AI and semantic web technologies for historical images. The workshop attracted papers from many stakeholders including AI researchers, NLP experts, digital humanists, linguists, computer scientists and ontology engineers together to present their work and share their experiences.

Y. Abgaz, A. Dorn, J. L. Preza Diaz, G. Koch

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Organising Committee

- Yalemisew Abgaz, Adapt Centre, Dublin City University
- Amelie Dorn, Austrian Academy of Sciences, Vienna, Austria
- Jose Luis Preza Diaz, Austrian Academy of Sciences, Vienna, Austria
- Gerda Koch, AIT Forschungsgesellschaft mbH, Europeana Local AT

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- John Roberto, Adapt Centre, Dublin City University, Dublin, Ireland
- Nicole High-Steskal, Department for Image Science, Danube University Krems
- Chao-Hong Liu, Dublin City University, Dublin, Ireland

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Anna Breit

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Yalemisew Abgaz, Amelie Dorn, Jose Luis Preza Diaz and Gerda Koch

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