



ReIReS

Research Infrastructure
on Religious Studies



Grant 730895, ReIReS

Public Report/ORDP

UPDATED PROGRAM REIRES DH COURSE FSCIRE, 3-5 JULY 2019

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Task leader:	Davide Dainese
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Change History

Version Number	Date	Status	Summary of main or important changes
00.01	24/05/2019	Working	This document contains adjustments to the program as described in Deliverable D5.1, the ReIReS Training Programme

Distribution List

Name	Company	Role
Davide Dainese	Fscire	Organizer
Jaap Geraerts	IEG	Task leader T5.3
Karla Boersma	TUA	WP5 Leader





ReIReS DH Course: Digital Humanities and Religious Sciences in Italy

Dates

3–5 July, 2019

Location

Fscire, via San Vitale 114, 40125 Bologna

Organising Institution

Fondazione per le scienze religiose Giovanni XXIII, Bologna

Under the Patronage of AIUCD (Associazione per l'Informatica Umanistica e la Cultura Digitale)

Contact

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Trainers

- Maristella Agosti, University of Padua.
- Dino Buzzetti, University of Bologna.
- Fabio Cusimano, Veneranda Biblioteca Ambrosiana.
- Davide Dainese, University of Bologna.
- Alicia González Martínez, University of Hamburg.
- Paolo Monella, University of Palermo.
- Thomas Milo, Decotype.
- Francesca Tomasi, University of Bologna.

Specific Learning Goals

The course aims at four main goals.

- 1) Participants will acquire general knowledge about: main markup languages, semantic web, digital texts and images;
- 2) Participants will explore new frontiers for the use of DH for historical sources, even within historical-religious contexts;





- 3) participants will be trained in how to develop methodologies to encode and decode historical sources;
- 4) participants will learn methodological implications of DH technical tools.

Unique Contribution to the ReIReS Training Programme

ReIResources: Sharing Resources in a Networked Digital Ecosystem

Scholars attending the course will be presented two distinct aspects of the use of digital resources: a) the *representation* of the objects of study (primary and secondary sources) in digital form, so as to make them accessible on the Web; b) the *processing* of the information content conveyed by the digital objects produced in that form. In particular, the relation between representation and processing of a study object in digital form (e.g. the *expression* and the *content* of a textual document) shall be dealt with and applied to concrete cases during the classes, by insisting on the distinction between two different approaches to markup, namely *embedded* vs. *standoff* markup and on their effects on actual research procedures. A brief historical introduction shall present the impact of the diffusion of the Web and the use of the Personal Computer on the common practices in the Digital Humanities, in order to allow participants to put the content of lessons, workshops, as well as training activities into their theoretical framework.

Moreover the course, either directly or indirectly, shall deal with new developments in Artificial Intelligence and database design that allow the application of new research methods in the field of text analysis (vector semantics) and of digital editions (standoff markup). Text mining techniques based on the use of adaptive systems, on the one hand, and the organisation of standoff annotations and properties through graph databases, on the other, can foster a more elaborate approach to text analysis, especially in dealing with problems of ambiguity that arise from the interpretation of the text and the varying use of diacritics according to the diachronic evolution of the scripting conventions.

ReIResources: Main Achievements

- Production and analysis of consistent Web data [Tomasi, Agosti, Monella, Cusimano, Buzzetti];
- Creation of Web pages as a modelling activity, through HTML5 semantic tagging [Tomasi];
- Content representation and semantic enrichment of Web pages through the provision of a Meta HTML element associated to standard classification and data representation schemes for efficient information retrieval via Search Engine Optimization (SEO) [Agosti];
- Production of TEI XML encoded transcriptions of manuscript texts linked to IIF accessible digital images [Monella];
- Creation of accessible digital libraries of historical collections by supplying IIF structured metadata [Cusimano];
- being acknowledged with problems related to the current digital encoding of Arabic, established by Unicode, which is taken from the printing European tradition, which analyses Arabic script from a typographic instead of linguistic perspective [Milo-González];





becoming familiar with two digital tools which are able to overcome the obstacles mentioned above: a universal search algorithm for Arabic script and an archigraphemic reducer [Milo-González].





Programme

Tuesday July 2, 2019	Arrival of the participants
Wednesday July 3, 2019	<p><i>Morning (9:00-13:30):</i></p> <ul style="list-style-type: none">- 9:00-9:15: Welcome and introduction to the Dossetti Library: Davide Dainese- 9:15-10:30 Lesson: An Overview of the Course. Positioning the lectures in the present state of the Digital Humanities Trainer: Dino Buzzetti- 11:00-13:00 Training session: Linking Text and Image: TEI XML & IIIF – part I session a Trainer: Paolo Monella <p><i>Afternoon (15:00-18:30):</i></p> <ul style="list-style-type: none">- 15:00-16:00 Training session: Linking Text and Image: TEI XML & IIIF – part I session b- 16:00-18:30: Training session: Linking Text and Image: TEI XML & IIIF – part II Trainer: Fabio Cusimano
Thursday July 4, 2019	<p><i>Morning (9:00-12:30):</i></p> <ul style="list-style-type: none">- 9:00-11:00 Workshop: Modelling Web Pages- 11:30-12:30 Training session: Creating my Web <p>Trainer: Francesca Tomasi.</p> <p><i>Afternoon (15:00-18:30)</i></p> <ul style="list-style-type: none">- 15:00-17:00 Workshop: Search Engines- 17:30-18:30 Training Session: Search Engine and Search Engine Optimization <p>Trainer: Maristella Agosti</p>
Friday July 5, 2019	<i>Morning (9:00-12:30)</i>





Morning (9:00-12:30)

- **9:00-10:30 Workshop: Digital problems and solutions for working with manuscripts in Arabic script**

Trainers: Alicia González Martínez and Thomas Milo

- **11:00-12:30 Training Session: Digital problems and solutions for working with manuscripts in Arabic script**

Trainers: Alicia González Martínez and Thomas Milo

Afternoon (15:00-18:30)

- **15:00-15:45 Meeting: ReIReS meets local religious communities**
- **16:00-18:30 Training session: Group Work (Trainers: Fabio Cusimano, Dino Buzzetti, and Davide Dainese)**





1.1. Scope

1.2. Applicable Documents

Applicable documents are documents from which all requirements must be fulfilled in the context of the Grant Agreement, although they are not repeated in the present document.

Id.	Date	Title / Reference
[A1]	20/03/2017	H2020-INFRAIA-2016-2017, (Integrating and opening research infrastructures of European interest), Proposal number: 730895-2
[A2]	10/01/2018	GRANT AGREEMENT, NUMBER — 730895 — ReIReS,
[A3]	01/02/2018	DESCA - ReIReS Consortium Agreement
[A4]		
[A5]		
[A6]		

All documents mentioned in this list are available in the Document Repository, section "Applicable Documents".





1.3. Reference Documents

Reference documents are intended to provide background and supplementary information.

Id.	Date	Title / Reference
[R1]	01/10 /2018	Deliverable D5.1, Presentation of the Training Programme
[R2]		
[R3]		
[R4]		
[R5]		
[R6]		
[R7]		
[R8]		
[R9]		
[R10]		





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