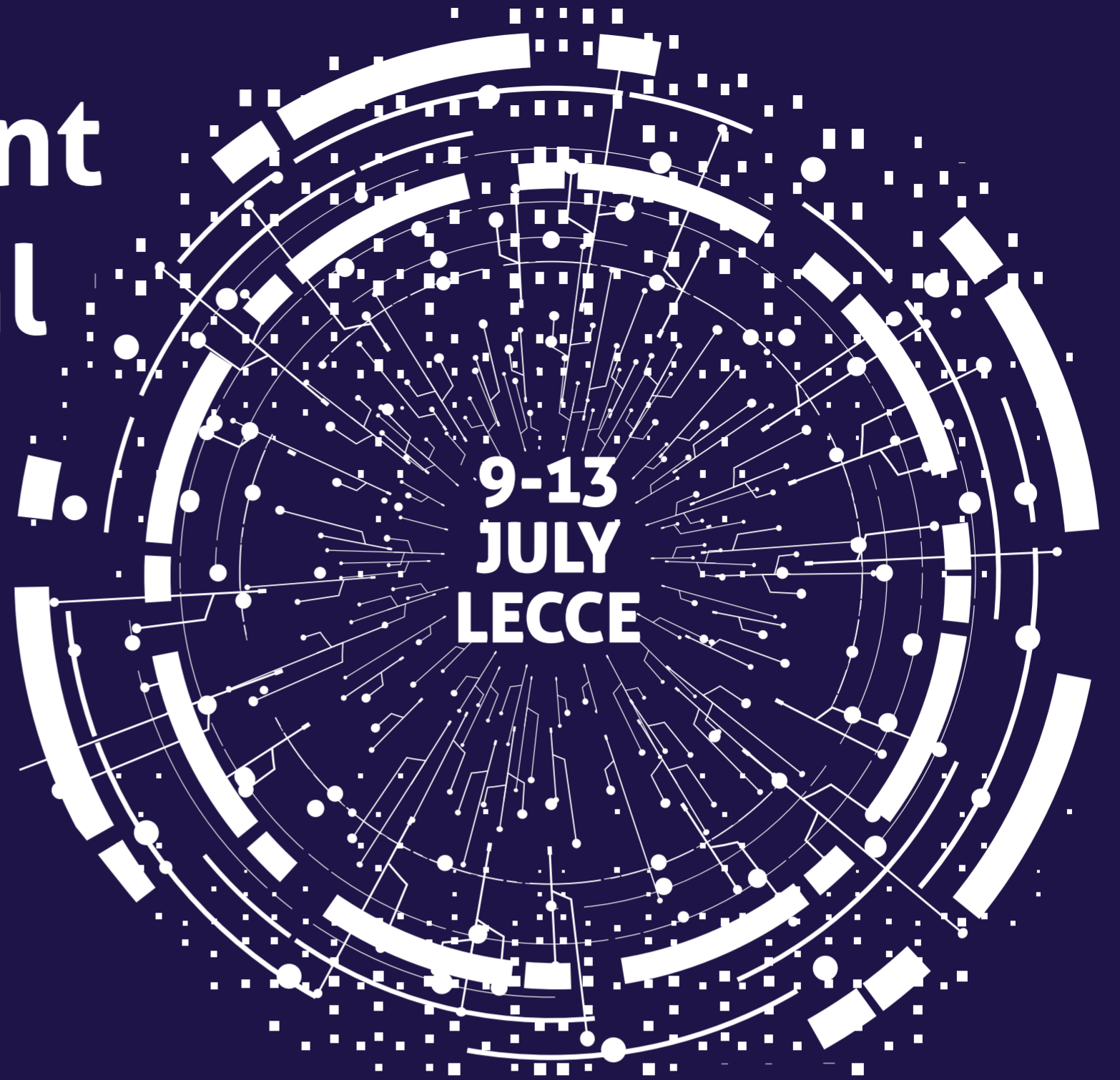


INTERNATIONAL SUMMER SCHOOL

Data Management in Environmental & Earth Science Infrastructures



Lecce, Studium 2000, BUILDING 6, Room 1/C1

Monday, 9 July 2018

*Data Management in a nutshell:
Reference models for environmental sci-
ence research infrastructures,
and research metadata semantics*

11:00-11:15 Welcome address
11:15-12:45 Data management introduction
and ENVRI reference model - Zhao
12:45-14:00 Light lunch
14:00-15:30 Semantics and semantic tech-
nologies for research infrastructure - Martin
15:30-16:00 Coffee break
16:00-18:00 Practical session - Zhao, Martin

Thursday, 12 July 2018

Cataloguing and Provenance

09:00-10:30 How to make research data
searchable and findable - Martens
10:30-11:00 Coffee break
11:00-12:30 Basic aspects on data prove-
nance & hands-on Provenance with Jupyter,
Python & Semantic Technologies -
Magagna
12:30-14:00 Lunch
14:00-15:30 Practical session 1 - Martens,
Tagliolato, Oggioni
15:30-16:00 Coffee break
16:00-17:30 Practical session 2 - Stocker

Tuesday, 10 July 2018

Data processing on e-Infrastructure

09:00-09:50 Virtual infrastructure for data
science - Zhao
09:50-10:30 - Introduction to Cloud comput-
ing, cloud services on European e-Infrastruc-
tures & Intensive computing services -
La Rocca, Donvito, Nicotri
10:30-11:00 Coffee break
11:00-11:45 Introduction to R - Toma
11:45- 12:30 Introduction to Virtual Lab &
Workflow - Fiore
12:30-14:00 Lunch
14:00-15:30 Practical session 1 - La Rocca,
Koulouzis, Donvito
15:30-16:00 Coffee break
16:00-17:30 Practical session 2 - Fiore,
Tagliolato, Manca, Stanca

Friday, 13 July 2018

*Use case: Data Management
in LifeWatch Italy*

09:00-10:30 LifeWatch Italy Data Portal: data
acquisition, quality control, data annotation
and metadata creation through thesauri -
Rosati, Bergami
10:30-11:00 Coffee break
11:00-12:30 LifeWatch Italy core ontology -
Fiore

Wednesday, 11 July 2018

Data identification

09:00-10:30 - Identification and citation
across the research data lifecycle 1 -
Hellström
10:30-11:00 Coffee break
11:00-12:30 Identification and citation
across the research data lifecycle 2 -
Hellström
12:30-14:00 Lunch
14:00-15:30 Practical session 1 - Hellström
15:30-16:00 Coffee break
16:00-17:30 Practical session 2 - Hellström



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