

## All the times in Central European Time (CET)

Every morning from days 1-4 will start with two sessions of theory (50 minutes each) followed by one hour of guided exercises (hands-on session). In the afternoon, the participants will receive some written assignments that they will have to complete on their own, working in small groups and divided in two tracks: beginners/advanced. Then, there will be a final wrap-up session to show possible solutions to the exercises, answer the main doubts, etc.

On day 5, the organisation will be slightly different. There will be three parallel sessions in the morning around different topics (which will include theory and practice) with a final closing session, and without afternoon sessions.

### Day 0: installfest

All the software that the participants need to follow the practical sessions will be listed and made accessible to them during the week before the starting date of the school so it can be installed beforehand and be ready to be used during the sessions.

### Day1 (8/2/21) - Linked Data Basics

Morning (times in CET)

09:00 - 09:50 Session 1: **Welcome and Introduction; Overview to Linguistic Linked Data**

Jorge Gracia, Dan Cristea, Dan Tufiş, Daniela Gîfu

09:50 - 10:00 *Break*

10:00 - 10:50 Session 2: **Linked Data Principles, RDF, RDF-S**

Thierry Declerck

10:50 - 11:00 *Break*

11:00 - 12:00 Hands-on session: **RDF**

Thierry Declerck, Julia Bosque-Gil

Afternoon (times in CET)

13:30 - 16:00 Practical exercises (free work): **RDF**

Thierry Declerck, Julia Bosque-Gil, Jorge Gracia

16:00 - 17:00 Exercises results

### Day2 (9/2/21) - Ontologies

Morning (times in CET)

09:00 - 09:50 Session 1: **Modeling Knowledge with Ontologies**

Thierry Declerck, Julia Bosque-Gil

*09:50 - 10:00 Break*

10:00 - 10:50 Session 2: **OWL, SKOS, Basic Reasoning**

Thierry Declerck, Julia Bosque-Gil

*10:50 - 11:00 Break*

11:00 - 12:00 Hands-on session: **Ontology Edition in Protégé**

Sina Ahmadi

Afternoon (times in CET)

13:30 - 16:00 Practical exercises (free work): **Ontologies**

Sina Ahmadi

16:00 - 17:00 Exercises results

### **Day3 (10/2/21) - Representing and querying lexical data**

Morning (times in CET)

09:00 - 09:50 Session 1: **Linguistic Linked Data and OntoLex-Lemon**

John McCrae

*09:50 - 10:00 Break*

10:00 - 10:50 Session 2: **Querying Semantic Data (SPARQL)**

Christian Chiarcos, Max Ionov

*10:50 - 11:00 Break*

11:00 - 12:00 Hands-on session: **SPARQL**

Christian Chiarcos, Max Ionov

Afternoon (times in CET)

13:30 - 16:00 Practical exercises (free work): **SPARQL over Linguistic Data**

Christian Chiarcos, Max Ionov, Andrea Turbati

16:00 - 17:00 Exercises results

### **Day4 (11/2/21) - Other vocabularies + VocBench**

Morning (times in CET)

09:00 - 09:50 Session 1: Other Linguistic and Metadata Vocabularies (DCat, Lexinfo, ...)

John McCrae

*09:50 - 10:00 Break*

10:00 - 10:50 Session 2: **Introduction to the VocBench Platform**

Armando Stellato, Manuel Fiorelli

*10:50 - 11:00 Break*

11:00 - 12:00 Hands-on session: **A Guided Tour to VocBench**

Armando Stelatto, Manuel Fiorelli

Afternoon (times in CET)

13:30 - 16:00 Practical exercises (free work): **VocBench for modeling linguistic datasets**

Armando Stelatto, Manuel Fiorelli, Andrea Turbati

16:00 - 17:00 Exercises results

Evening: **Online Social Event (TBC)**

## **Day5 (12/2/21) - Advanced topics (parallel sessions)**

Morning (times in CET)

Parallel session 1: **Linguistic Linked Data Pipeline**

09:00 - 09:50 **LLD Generation/Transformation**

Max Ionov

*09:50 - 10:00 Break*

10:00 - 10:50 **Linking LLD**

Sina Ahmadi

Parallel session 2: **Annotations**

09:00 - 09:50 **Linguistic Annotations (WA, NIF)**

Christian Chiarcos

*09:50 - 10:00 Break*

10:00 - 10:50 **NLP Web services (NIF)**

Milan Dojchinovski

Parallel session 3: **Ontolex Extensions**

09:00 - 09:35 **Variation and translation (vartrans)**

Jorge Gracia

09:35 - 10:10 **Lexicographical Data (lexicog)**

Julia Bosque-Gil

*10:10 - 10:20 Break*

10:20 - 10:50 **Frequency, Attestation, and Corpus (frac)**

Christian Chiarcos

**11:00 - 12:00 Closing session**