

**COST Action CA18209:
European network for
Web-centred linguistic data
science (NexusLinguarum)**

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Project scope and topic

- A network unifying experts in linguistics, lexicography, linked data, big data, etc.
- The central topics are *linguistic data science*, and *linguistic linked open data* (LLOD) as its enabler
- The partners aim to coordinate their effort in analysing, representing, integrating and exploiting language data (describing the syntax, morphology, lexicon, etc.)
- Publishing this data as *linked data* in the *RDF format* and referencing common *vocabularies* (ontologies) will allow the partners to share resources

Action Management

- Action Chair: Jorge Gracia (U. Zaragoza)
- Action Vice Chair: John McCrae (NUIG)
- Science Communications Manager: Thierry Declerck (DFKI)
- Grant Holder: UPMadrid; contact Elena Montiel-Ponsoda
- Workgroup leaders
 - WG 1 - Linked data-based language resources: Milan Dojchinovski
 - WG 2 - Linked data-aware NLP services: Marieke van Erp
 - WG 3 - Support for linguistic data science: Dagmar Gromann
 - WG 4 - Use cases and applications: Sara Carvalho
- 35 countries involved through (usually 2) Management Committee members
 - Czech Republic: M. Dojchinovski (CTU), V. Svátek (UEP)

Lead instruments of the Action

- Plenary and workgroup meetings
 - Coordination of research carried out at the different institutes, and initiating bi-lateral and multi-lateral collaborations
- Short-term scientific missions
 - Mutual researcher visits (several days each)
- Conference grants
 - Only for students from ITC, i.e. „Inclusiveness Target Countries“ (all of EE, + Portugal?)

Contribution of the Czech members

- Quantitative and qualitative analysis of the LLOD datasets and vocabularies
 - Dataset connectivity
 - Vocabulary usage in datasets
 - Dataset/vocabulary usage in practice
- Extraction of linguistic information from Wikipedia, Wiktionary and similar resources
- Design of a lexicographic LLOD resource describing the lexical patterns used in OWL ontologies
- Participation in the design of vocabularies for less spoken languages

Forthcoming event

- First regular plenary meeting of the Action
- January 27-28, 2019, Prague, CTU FIT (Dejvice)
- Mostly open for public
 - Interested people from outside the network especially welcome for the first meeting day, 27. 1., where both the network and relevant other projects of its members will be presented, with discussions