

First Call for Papers

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NooJ 2017 International Conference

Kenitra, Morocco

May 18-20, 2017

[www.uit.ac.ma/nooj17](http://www.uit.ac.ma/nooj17) <<http://www.uit.ac.ma/nooj17>>

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Important dates:

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Abstract submission: 17 January 2017

Notification of acceptance: 15 March 2017

Registration: until 15 April 2017

Conference dates: 18-20 May, 2017

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The Information Modeling and Communication System Laboratory (MISC), Faculty of science, Ibn Tofail University, in cooperation with International Agency for Natural Language Processing (IA4NLP), Le laboratoire ELLIADD de l'Université de Franche-Comté, Besançon, and The NOOJ association organize the NooJ 2017 International Conference in Kenitra, Morocco from 18-20 May, 2017.

NooJ is both a corpus processing tool and a linguistic development environment: it allows linguists to formalize several levels of linguistic phenomena: orthography and spelling; lexicons of simple words; multiword units and frozen expressions; inflectional, derivational and productive morphology; local, structural syntax and transformational syntax. For each of these levels NooJ provides linguists with one or more formal tools specifically designed to facilitate the description of each phenomenon, as well as parsing tools designed to be as computationally efficient as possible. This approach distinguishes NooJ from most computational linguistic tools, which provide a single formalism that could describe every linguistic phenomena. As a corpus processing tool, NooJ allows users to apply sophisticated linguistic queries to large corpora in order to build indices and concordances, annotate texts automatically, perform statistical analyses, etc.

NooJ is freely available and linguistic modules can already be freely downloaded for Acadian, Arabic, Armenian, Bulgarian, Catalan, Chinese, Croatian, French, English, German, Hebrew, Greek, Hungarian, Italian, Polish, Portuguese, Spanish and Turkish. A dozen other modules are under construction.

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The conference intends to:

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- \* give NooJ users and researchers in Linguistics and in Computational Linguistics the opportunity to meet and share their experience as developers, researchers and teachers;
- \* present to NooJ users the latest linguistic resources and NLP applications developed for/with NooJ, its latest functionalities, as well as its future developments;
- \* offer researchers and graduate students two tutorials (one basic and one advanced) to help them parse corpora and build NLP applications using NooJ.
- \* provide the occasion to present and discover the recent developments of NooJ itself (v5).

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Topics of interest:

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\* Linguistic resources:

Typography, Spelling, Syllabification, Phonemic and Prosodic transcription, Morphology, Lexical Analysis, Local Syntax, Structural Syntax, Transformational Analysis, Paraphrase Generation, Formal Semantic Annotations and Analyses, Description of rare and endangered languages.

\* Corpus processing:

Corpus Linguistics, Information extraction, Discourse Analysis, Business Intelligence, NLP applications, Applications of NooJ in Social Sciences.

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Submission:

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We invite the submission of abstracts in English until 17 January 2017. The abstracts should contain the title, name, institution and email of the author(s). Abstracts should not exceed one page (length between 300 and 600 words, references not included) and should be sent via EasyChair. The easychair web page is: <https://easychair.org/conferences/?conf=nooj2017>. All proposals will be reviewed by the scientific committee and authors will be given notice of acceptance of their papers no later than 15 March 2017.

Further information about the conference can be found at [www.uit.ac.ma/nooj17](http://www.uit.ac.ma/nooj17) <<http://www.uit.ac.ma/nooj17>>. You can also contact the organizing committee at [nooj17@gmail.com](mailto:nooj17@gmail.com) for any additional information.

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Scientific Committee:

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\* Xavier Blanco (Autonomous University of Barcelona, Spain)

- \* Mohammed El Hannach (Sidi Mohammed Ben Abdellah University, Morocco)
- \* Hela Fehri (University of Gabes, Tunisia)
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- \* Mohammed Mourchid (Ibn Tofail University, Morocco)
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- \* François Trouilleux (Université Blaise-Pascal, France)

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Organizing Committee:

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- \* Mohamed El Hannach (Sidi Mohamed Ben Abdellah University, Morocco)
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