Call for Contributions
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ADAPTIVE+2019+Special
Please select Track Preference as **NLP-adapt**

Special track

NLP-adapt: Adaptive Workflow Management for NLP Data Processing

Chairs and Coordinators

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along with
ADAPTIVE 2019: The Eleventh International Conference on Adaptive and Self-Adaptive Systems and Applications
http://www.iaria.org/conferences2019/CfPADAPTIVE19.html

Natural Language Processing benefits a lot from computing technology availability. POS-tagging has become a trivial task in terms of computation powers. Deep learning or evolutionary algorithms are currently within reach of researchers. Most of NLP solutions are available as SaaS model. From end user perspective the only irritating issues might limitations for the size of corpora submitted for processing and ETA of results.

However, from storing and computational perspective there are much more to consider. The data are highly heterogeneous in structure (fragmented, single big file vs swarm of tiny files), data quality (clear texts vs net texts), required processing paths (just POS vs NER vs Classification), etc. As NLP centres, we are also facing problem of customers weighting – according to which tasks can be different prioritised.

At CLARIN-PL workflow management of customer data and processing flow operations are of high concern. Classical workflow balancing approaches are not sophisticated enough to solve NLP data flow problems in a satisfying way, thus a need for author workflow and task balancing solution.

This special Track seeks to foster discussion on seeking adaptive workflow solutions for NLP SaaS.

Topics include, but not limited to:

- Adaptive workflow management of text based big data,
- Language Processing Pipelines,
- Choreography of language and data mining tools,
- Adaptive NLP infrastructure,
- Adaptive cluster computing for texts analysis,
- Applications of NLP processing in Digital Humanities,

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]

- Demos: two pages [posted on www.iaria.org]

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: ~~March 10, 2019~~ March 23, 2019
- Notification: ~~March 30, 2019~~ April 8, 2019
- Registration: ~~April 8, 2019~~ April 14, 2019
- Camera-ready: ~~April 8, 2019~~ April 14, 2019

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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