

# Call for Contributions

## Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

## Submission:

**1. Inform the Chairs:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICIMP+2020+Special>

Please select Track Preference as **SNLP**

Special track

## **SNLP: Statistical Natural Language Processing**

### **Chairs and Coordinators**

Prof. Dr. Sebastião Pais, University of Beira Interior, Covilhã, Portugal [sebastiao@di.ubi.pt](mailto:sebastiao@di.ubi.pt)

Dr. Irfan Khan Tanoli, University of Beira Interior, Covilhã, Portugal [irfan.khan.tanoli@ubi.pt](mailto:irfan.khan.tanoli@ubi.pt)

along with

**ICIMP 2019**, The Fifteenth International Conference on Internet Monitoring and Protection

September 27, 2020 to October 01, 2020 - Rome, Italy

<https://www.iaria.org/conferences2020/ICIMP20.html>

Statistical natural language processing (SNLP) is a field lying in the intersection of natural language processing and machine learning. SNLP differs from traditional natural language processing in that instead of having a linguist manually construct some model of a given linguistic phenomenon, that model is instead (semi-) automatically constructed from linguistically annotated resources, unsupervised and language independent.

Methods for assigning part-of-speech tags to words, categories to texts, parse trees to sentences, and so on, are (semi-) automatically acquired using machine learning techniques.

The track expects submissions on issues, challenges and potential solutions the paradigms covering the following aspects

### **Topics include, but not limited to:**

- Statistical Inference;
- Part-of-Speech Tagging;
- Parsing;
- Text Classification;
- Question Answering;
- Summarization
- Conversational agents;
- Information Extraction ;
- Narrative Science;
- Lexical semantics;
- Word sense disambiguation;
- Speech recognition, text-to-speech and spoken language understanding;
- Computational Social Science and Social Media;
- Dialogue and Interactive Systems;
- Discourse and Pragmatics;

- Information Extraction;
- Information Retrieval and Text Mining;
- Linguistic Theories;
- Cognitive Modeling and Psycholinguistics;
- Machine Learning for NLP;
- NLP Applications;
- Phonology;
- Morphology and Word Segmentation;
- Resources and Evaluation;
- Sentiment Analysis;
- Stylistic Analysis, and Argument Mining;
- Speech and Multimodality.

### **Important Datelines**

*Inform the Chairs (see Contacts below): as soon as you decide to contribute*

Submission: August 3

Notification: August 23

Registration: September 2

Camera-ready: September 2

### **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.aria.org](http://www.aria.org)]
- Presentations: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Demos: two pages [posted on [www.aria.org](http://www.aria.org)]

### **Paper Format**

- See: <http://www.aria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.aria.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.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**

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=ICIMP+2020+Special>

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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.aria.org/registration.html>

### **Contacts**

Chairs

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