Call for Contributions for
Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SEMAPRO+2018+Special
Please select Track Preference as **PsySem**

Special track
PsySem: Computational Psycholinguistics and Linguistic Issues in Semantic Processing

Chairs
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along with

SEMAPRO 2018, The Twelfth International Conference on Advances in Semantic Processing
http://www.iaria.org/conferences2018/SEMAPRO18.html
November 18 - 22, 2018 - Athens, Greece

The discipline of Psycholinguistics deals with the cognitive processes that make it possible to produce meaningful sentences out of a vocabulary and the linguistic structures while semantics deals with the representation of concepts as words as well as the reverse process of extracting the meaning from words. With the advances in text and speech processing and the demands from Artificial Intelligence (AI) for natural language interfaces, it is critical that we are able to process and produce natural language automatically in order for the increasing number AI based applications to interact naturally with humans. There has already been a phenomenal progress in Natural Language Processing (NLP); however, it has mainly been based on using lexical and statistical strategies. In order to make further progress in terms of deeper language processing we need to expand in the areas of Psycholinguistics and the semantics behind words and sequence of words. The rationale for this track is to bring together NLP researchers working in the area of developing frameworks for deeper concept representation and/or the reverse, extraction of meanings from an existing concept representation framework.

This conference track will focus on topics related to the Science and Applications related to extraction and interpretation of deeper level information from free texts. Research Works dealing with models and strategies that represent complex language processing based on semantics, would be especially welcome in this track. However, all works dealing with RDF's and other forms of knowledge representation; corpus tagging for knowledge bases; information extraction for specific purposes; search engine optimisation techniques; natural language generation and other peripheral topics will be acceptable.

The topics of interest include, but are not limited to:

- Computational Psycholinguistics
- Semantics in Language Comprehension
- Semantics in Language Acquisition
- Semantics in Language production

- Deep parsing for Semantics
- Boosting Pragmtis through Semantics
- Computational Psychometrics for Semantics
- Semantics in Cyberbullying
- Semantics in Lexicalization
- Ontology Engineering and Patterns for Psycholinguistics
- Social semantics methods and applications for Psycholinguistics

Important Datelines
Inform the Chair: As soon as you decided to contribute
Submission; ~~August 1~~ October 5
Notification: ~~September 1~~ October 20
Registration: ~~September 15~~ October 30
Camera-ready: ~~September 25~~ October 30
Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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]

Paper Format
- See: http://www.iaria.org/format.html [both LaTex and .doc templates]
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html
- More information on camera ready preparations will be posted after the paper notifications are sent out.

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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