

## Call for Contributions

**Inform the Chair:** with the Title of your Contribution

**Submission URL:**

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=SERVICE+COMPUTATION+2017+Special>

Please select Track Preference as **MALERESS**

Special track

**MALERESS:** Machine Learning and Text Retrieval Applied to Service Science

Chair and Coordinator:

Prof. Dr. Isaac Caicedo-Castro, University of Córdoba, Colombia

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along with

SERVICE COMPUTATION 2017, February 19 - 23, 2017 - Athens, Greece

The Ninth International Conferences on Advanced Service Computing

<http://www.aria.org/conferences2017/SERVICECOMPUTATION17.html>

Machine learning and text retrieval have been successfully applied in several domains, including service science. Each service has associated information, such as its description, QoS (Quality of Service), or another feature. This information may be either used to build an index, or used for learning to suggest services or classify a new one. Thus, prior research aims at designing recommender systems which suggest services according to their QoS information, descriptions, or to user preferences, where recommendation is a very popular machine learning task. Moreover, research studies have been conducted to design classifiers which annotate services according their descriptions.

Automatic annotation is useful for both software engineers and programmers who want to annotate services they have made. Finally, text retrieval models are applied for discovering services, given the user need expressed in a free text query.

**Topics of MALERESS encompass, but are not limited to:**

- 1) Service annotation
- 2) Clustering services according their descriptions
- 3) Service recommendation
- 4) Description-based service retrieval.

### **Important Datelines**

- Inform the Chair: As soon as authors decided to submit and secured the financial support
- Submission: January 15
- Notification: January 25
- Registration: February 5
- Camera ready: February 8

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

### **Paper Format**

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

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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.iaia.org/registration.html>

### **Contact**

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