



23-26 OCTUBRE 2018

CAEPIA 2018

Granada

XVIII Conference of the Spanish Association for Artificial Intelligence

caepia18.aepia.org

PRESENTACIÓN

The Workshop on Data Science in Social Networks (CiDReS) encourages researchers on data science for the extraction of knowledge in social networks to participate in the workshop and discuss about new models and applications. The workshop will provide an interdisciplinary environment, which will be the place of researchers and professionals from industry with a dissimilar background on data science, with the aim of fostering the collaborations and the synergies. The workshop invites to submit experimental and theoretical works on social networks analysis and data mining. The first edition of CiDReS will held in Granada and will be co-located with the Conference of the Spanish Association for Artificial Intelligence (CAEPIA).

TOPICS

The contributions must fit the following topics:

Analysis of covert networks, Dark Web	Information fusion in Social Media
Anomaly detection in social network evolution	Intelligent data analysis in Social Media
Application of social network analysis and mining	Large-scale graph algorithms for social network analysis
Big Social Mining	Network formation and evolution
Community discovery and analysis in social networks	Pattern representation and modelling for Social Networks
Cybercrime and Social Networks	Pattern analysis for Social Networks
Data models for social networks and social media	Personalization for search and for social interaction
Dynamic Community finding and discovery	Scalability of social networking
Evolution of communities/patterns on Social Media	Search algorithms for Social Networks
Graph mining	Sentiment Analysis
Impact of social networks on recommendations systems	Statistical modeling of large networks
Information acquisition and establishment of social relations	Visualization in Social Media
Information diffusion	

The best paper will be invited to be submitted in the special issue “Advanced Software Engineering Techniques for Secure Societies” of the journal IEEE Access (IF: 3.244).



Submissions

1. Original works written in English or Spanish. They may consist of up to **six (6) pages** (references included) following the IEEE style templates ([Word](#) and [LaTeX](#)).
2. Papers related to at least one of the topics of the workshop and recently accepted (key works) in journals with impact factor. They may consist of up to **two (2) pages** following the IEEE style templates ([Word](#) and [LaTeX](#)). The authors must also submit a cover letter indicating the journal in which the paper is published, and a succinct justification of the relation of the paper with the topics of the workshop.

Submission is electronic, using the [EasyChair](#) conference management system.

IMPORTANT DATES

- Original works:
Submission (hard) deadline: **June 20th, 2018.**
Decision notification: **July 20th, 2018.**
Camera-ready submission: **September 10th, 2018.**
- Key works:
Submission (hard) deadline: **July 5th, 2018.**
Decision notification: **July 20th, 2018.**
Camera-ready submission: **September 10th, 2018.**
- Special sessions proposals:
Submission (hard) deadline: **April 15th, 2018.**

REGISTRATION DATES

The publication of the paper will require the registration of at least **one of the authors**.

Early: **September 10th, 2018** Ordinary: **October 10th, 2018** Last chance: **October 11th, 2018**

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Chairs: **David Camacho, María Victoria Luzón**

Technical Secretary: **Eugenio Martínez**

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