

Call for Contributions

Submission:

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

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=BIOTECHNO+2018+Special>

Please select Track Preference as **SPPRG**

Special track

SPPRG: Signal Processing and Pattern Recognition in Geosciences Data

Chairs and Coordinators

Said Gaci, Sonatrach-IAP, Boumerdes, Algeria

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Olga Hachay, Institute of Geophysics / Ural Branch of Russian Academy of Sciences, Ekaterinburg, Russia

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along with

BIOTECHNO 2018, The Tenth International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies

May 20, 2018 to May 24, 2018 - Nice, France

<http://www.aria.org/conferences2018/BIOTECHNO18.html>

The aim of this special session is to bring together researchers, engineers and practitioners interested on digital signal processing and applications in the context of geosciences, including theory and practice in the different fields of earth sciences.

Our session will illustrate potential of the following methods and other relevant topics: linear/nonlinear time-series analysis, statistical methods, fractal analysis, spectral analysis using Fourier/wavelet transforms, fuzzy logic, genetic, neural algorithms, etc.

Topics

Scientists are encouraged to submit their researches related to the application of these techniques in the different areas of geosciences:

- Geophysics (seismic, gravity/magnetic, electromagnetism/magnetotelluric, etc.),
- Geology,
- Hydrogeology,
- Geodesy,
- etc.

Important Datelines

- Inform the Chairs: As soon as you decided to contribute
- Submission: ~~February 7, 2018~~ **March 28, 2018**
- Notification: ~~March 7, 2018~~ **April 5, 2018**
- Registration: ~~March 21, 2018~~ **April 10, 2018**
- Camera ready: ~~April 2, 2018~~ **April 20, 2018**

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on 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>

Contacts

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