

Call for Contributions

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

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=BIOTECHNO+2019+Special>

Please select Track Preference as **DSPPRG**

Special track

DSPPRG: Digital Signal Processing and Pattern Recognition in Geosciences

Chairs and Coordinators

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along with

BIOTECHNO 2019, The Eleventh International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies

<https://www.aria.org/conferences2019/BIOTECHNO19.html>

June 02, 2019 to June 06, 2019 - Athens, Greece

Lately, a wide range of digital signal processing and pattern recognition applications is getting a growing interest in geosciences. This special track aims at illustrating the potential of numerical processing methods, including: linear/nonlinear time-series analysis, statistical methods, fractal analysis, spectral analysis using Fourier/wavelet transforms, fuzzy Logic, genetic and neural algorithms, etc.

We encourage scientists to submit contributions related to the application of these techniques in different fields of geosciences: geophysics (seismic, gravity/magnetic, electromagnetism/magneto-telluric, etc.), geology, hydrogeology, geodesy/topography, etc.

Topics include, but not limited to:

- linear/ nonlinear time-series analysis,
- statistical methods,
- fractal analysis,
- spectral analysis using Fourier/wavelet transforms,
- fuzzy logic,
- genetic and neural algorithms

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

Important Datelines

- Inform the Chair: As soon as you decided to contribute

Submission: April 7, 2019
Notification: April 27, 2019
Registration: May 5, 2019
Camera-ready: May 5, 2019

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

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=BIOTECHNO+2019+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.iaia.org/registration.html>

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