

# 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=SIGNAL+2018+Special>

Please select Track Preference as NAU

Special track

## NAU: Navigation and Application of Unmanned Aerial Vehicles

### Chair and Coordinator

Asst. Prof. Mario Mustra, PhD, University of Zagreb, Croatia

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along with

**SIGNAL 2018**, The Third International Conference on Advances in Signal, Image and Video Processing

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

<http://www.aria.org/conferences2018/SIGNAL18.html>

Unmanned Aerial Vehicles (UAVs) recently became very popular due to the recent development of controlling, navigation, and imaging hardware. They are being used in different fields and provide a good and cheap solution to handle difficult tasks which required more complex systems. This all brings a lot of concerns, especially regarding legislative and operating licenses which will require strict definition of usage rights and control in order to restrict potential malicious usage.

There are many possible usages of UAVs, from aerial imaging, mapping, surveillance, to delivery of goods. Some recent research and commercial projects are even oriented to autonomous transportation systems which will use large UAVs and should be capable of in-city transport.

The main objective of this track is to attract researcher working in the field related to UAVs or field which require extensive use of UAVs in order to share their experiences and give them possible answers to the problems and obstacles they face in their research. This track accepts broad set of topics related to different aspects concerning UAVs, from their construction and limitations, to their usage and legislative boundaries which will become stricter as the autonomy increases.

**Prospective authors** are invited to submit original papers on topics including, but not limited to:

- Advances in construction and control of UAVs
- Navigation of UAVs
- Application for engineering tasks
- Aerial imaging and mapping in different modalities
- Thermal imaging for engineering and surveillance
- Safety aspects and countermeasures
- Legislation concerning UAVs

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

### **Paper Format**

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

### **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>
- Conference proceedings are sent for indexing to ISI Thomson Reuters by Filodiritto/InFOROmatica Publisher, Italy

### **Paper Submission**

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Please select Track Preference as **NAU**

### **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>

### **Contacts**

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