



الجمهورية الجزائرية الديمقراطية الشعبية  
People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
Saad Dahleb Blida 1 University  
Institute of Aeronautics and Space Studies "IASS"  
IEEE Algerian Chapter

IEEE ALGERIA GRSS



## Fifth Algerian Geoscience and Remote Sensing Summer School (5<sup>th</sup> AGR3S)

Space Technologies and Remote Sensing at the Service of the Economy

### Call for Participation

July 2 to 7, 2022, Blida, Algeria

The fifth Algerian Geoscience and Remote Sensing Summer School (5<sup>th</sup> AGR3S) is organized by the Institute of Aeronautics and Space Studies (IASS), Blida 1 university, the IEEE-GRSS Algeria Chapter, and the Algerian Association of Geoscience and Remote Sensing (AAGRS). The 5th AGR3S will be held from 2nd to 7th July, 2022, at the Institute of Aeronautics and Space Studies, Saad Dahleb Blida 1 University in Blida, Algeria. Special themes will be addressed in plenary and workshop sessions given by international experts in Remote Sensing Space Technologies and their applications. The submitted papers will be presented as posters between the plenary and workshops sessions.

#### Target audience

The target audience for this school is primarily doctoral students and university researchers, as well as professional and economic actors active in the field of remote sensing and space technologies.

#### General Themes

##### Session 01: Remote Sensing Data Processing

- ❖ Data Analysis Methods (Optical, Multispectral, Hyperspectral, SAR)
- ❖ Remote Sensing for Aeronautic Applications
- ❖ Remote Sensing for Land Applications
- ❖ Remote Sensing for Atmosphere Applications
- ❖ Remote Sensing for Ocean Applications

##### Session 02: Space Technologies and Instrumentation Based Remote Sensing

- ❖ Nano-satellite instrumentation (Design, Production and Launch).
- ❖ Remote Sensing Missions, Sensors and Calibration
- ❖ UAV and Drone Based Remote Sensing
- ❖ Remote Sensing and Data Communication Instrumentation

#### Expert trainers

- 1) Pr Costantinos Papathanasiou, German Aerospace Center (DLR)
- 2) Pr Irina Hajensek, ETH Zurich and DLR
- 3) Pr Adriano Camps, Universitat Politecnica de Catalunya-Barcelona
- 4) Pr Luca Pallota, University of Roma Tre
- 5) Pr Rachid Hedjam, Sultan Qaboos University
- 6) Dr Braham Himed, Air Force Research Laboratory
- 7) Dr Richard Fournier, Sherbrooke University
- 8) Pr Allel Hadjali, ENSMA (poitiers)
- 9) Pr Laurent Dala, Northumbria University
- 10) Pr Yacine Bouroubi, Sherbrooke University
- 11) Dr Abdelwahab Chikouche, Algerian Space Agency

#### Registration Fees

- ❖ PhD student: **10 000 DZD.**
- ❖ Others: **25 000 DZD.**

The fees cover coffee breaks and lunches.

#### Contacts

- ❖ **Address** : BP. 270 BLIDA 09000, Soumaa Road , Algeria
- ❖ **Website** : <https://www.univ-blida.dz/agr3s2022/>
- ❖ **E-Mail** : [agr3s2022@univ-blida.dz](mailto:agr3s2022@univ-blida.dz)

#### Important dates

- ❖ Papers Submission deadline: **Mars 10, 2022.**
  - ❖ Notification of acceptance: **April 10, 2022.**
  - ❖ Registration deadline: **May 12, 2022.**
- Online submission will soon be available on the website