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פרופ' ארנון קרניאלי

המעבדה לחישה מרחוק
המכונים לחקר המדבר ע"ש יעקב בלאושטיין
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<http://www.bgu.ac.il/BIDR/research/phys/remote>

Science from Above

February 25, 2019

Dear colleagues,

Re: VEN μ S periodic news – 25 February 2019

1. Re- and new processing

From April 2019 on, we will produce L2/L3 products with 5 m resolution. These products will be available on the website for download in near real-time. The reprocessing of the VEN μ S L2/L3, at 5 m resolution, from October 17 to April 2019 will start in May 2019. The new L2 and L3 products will be released once a month until around November 2019, as the reanalysis is progressing.

2. VEN μ S Spectral Response Function (SRF)

The VEN μ S spectral response function is available at the following link:
<http://www.cesbio.ups-tlse.fr/multitemp/wp-content/uploads/2018/09/rep6S.txt>
whereas the equivalent solar irradiance, for each band, at the following:
http://www.cesbio.ups-tlse.fr/multitemp/?page_id=14229

3. New VEN μ S sites

The VEN μ S Joint Steering Committee decided to increase the total number of research sites by 15 sites, from 108 to 123. Out of this number, 8 are international sites that were requested by Israeli scientists. The images will be available to download from the CNES website approximately from mid-March 2019 on, at <http://www.theia-land.fr/en/products/venus>.

4. The Ramon AI Hackathon

The Ramon AI Hackathon is open for applications! For the first time in Israel, satellite imagery data, which worth millions of NIS, are offered for free, in order to allow data scientists, AI, machine/deep learning experts, to explore and develop new products/algorithms/technologies. This amazing venture is being supported by the Ramon Foundation, Israeli Space Agency, Airbus, IAI, ISI, and more partners. For more details: <https://www.ramonhackathon.com>

5. The 4th COSPAR Symposium

The 4th COSPAR Symposium on “Small satellites for sustainable Science and Development” will be held on November 4-8, 2019, at Hotel Daniel, Herzliya, Israel.

Sessions will be devoted to “Scientific results of the VEN μ S Earth observation mission”. Abstract submission is now open with a deadline on April 30, 2019.

The Call for Abstracts was released in the December issue of Space Research Today and is available on the Symposium web site: <http://www.cospar2019.org/>



Space Research - The Fourth COSPAR Symposium
November 4-8, 2019 | Herzliya, Israel [View Online](#)

The Fourth
COSPAR Symposium
Small Satellites for Sustainable Science and Development

November 4 - 8, 2019 | Daniel Hotel, Herzliya, Israel

Call for Papers

“Small Satellites for Sustainable Science and Development”

Final deadline for abstract submission: **April 30, 2019**

[Submit Your Abstract](#)

COSPAR recently initiated a new series of scientific meetings, the Symposia, aimed at promoting space research at a regional level and to be organized in countries with medium or small size space infrastructures.

The upcoming 4th COSPAR Symposium will be held in Israel, on 4-8 November 2019, and will address the broad topic of “Small satellites for sustainable Science and Development”. It will feature plenary lectures as well as parallel sessions and poster sessions.

In parallel to the Symposium, there will be a teacher training event with talks and hands-on activities for local school teachers. A COSPAR Capacity Building Workshop on “Small Satellites” will take place during the week preceding the Symposium. Participants will be young professionals and post-docs from Southern Europe, North Africa and the Middle-East and will be selected by application.

Regards,

Manuel and Arnon

