Announcement

The U. V. Helava Award – Best Paper Volumes 135-146 (2018)

The U.V. Helava Award, sponsored by Elsevier B.V. and Leica Geosystems AG, is a prestigious ISPRS Award, which was established in 1998 to encourage and stimulate submission of high quality scientific papers by individual authors or groups to the ISPRS Journal, to promote and advertise the Journal, and to honour the outstanding contributions of Dr. Uuno V. Helava to research and development in photogrammetry and remote sensing.

The Award is presented to authors of the best paper, written in English and published exclusively in the ISPRS Journal during the four-year period from January of a Congress year, to December of the year prior to the next Congress. The Award consists of a monetary grant of SFr. 10,000 and a plaque. A five-member Jury, comprising experts of high scientific standing, whose expertise covers the main topics included in the scope of the Journal, evaluates the papers. For each year of the four-year evaluation period, the best paper is selected, and among these four papers, the one to receive the U.V. Helava Award will be selected.

The fifth U.V. Helava Award will be presented at the 24th ISPRS Congress in Nice, France, June 28th to July 4th 2020. The Jury appointed by the ISPRS Council evaluated papers from volumes 135-146 (2018) and announces its decision for the Best Paper. The winner of the 2018 Best Paper Award is:

"From Google Maps to a fine-grained catalog of street trees", by Steve Branson[1], Jan Dirk Wegner[2], David Hall[1], Nico Lang[2], Konrad Schindler[2], and Pietro Perona[1]

published in Volume 135, January 2018, Pages 13-30.
https://www.sciencedirect.com/science/article/pii/S092471617303453

Steve Branson   Jan Dirk Wegner   David Hall

Nico Lang   Konrad Schindler   Pietro Perona

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[2]Photogrammetry and Remote Sensing, ETH Zürich, Switzerland.

Jury's rationale for the paper selection

This paper developed a fully automated tree detection and species recognition approach based on publicly available aerial and street view images. The Jury thinks that the work is innovative, and applicable for large areas of tree classification and inventories. The developed methodology would affect practices of urban tree management globally. Therefore, it very deserves the best paper award for 2018.

On behalf of the ISPRS and the U.V. Helava Award Jury, I would like to congratulate the authors for this distinction and thank them for their contribution. I would also like to thank the sponsors of the Award, and the Jury members for their thorough evaluations.

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