

## Announcement

### The U. V. Helava Award – Best Paper Volume 63 (2008)

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. Uno 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.

The third U.V. Helava Award will be presented at the 22th ISPRS Congress, Melbourne, 25 August-1 September 2012. The five-member jury appointed by the ISPRS Council evaluated the 48 papers of volume 63 (2008) and announced its decision for the Best Paper. The winner of the 2008 Best Paper is:

**“On-line boosting-based car detection from aerial images” by Helmut Grabner<sup>1</sup>, Thuy Thi Nguyen<sup>2</sup>, Barbara Gruber<sup>3</sup> and Horst Bischof<sup>2</sup>**

published in issue 3, May 2008, pp. 382-396,  
<http://dx.doi.org/10.1016/j.isprsjprs.2007.10.005>

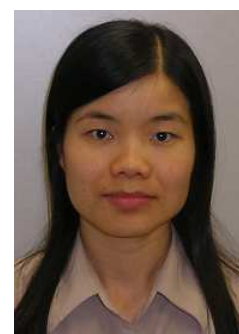
#### Jury's rationale for the paper selection

The well organised paper provides an easy to read description of an efficient framework for car detection in very high resolution aerial images. The authors introduce a state-of-the-art machine learning technique (Ada-boost)

for their application and included the possibility for on-line learning. The algorithm based on implicit appearance-based models was described convincingly. Results of tests on experimental data were shown to be very promising.



Helmut Grabner



Thuy Thi Nguyen



Barbara Gruber



Horst Bischof

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.

George Vosselman  
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