The Otto von Gruber Award

The Otto von Gruber Award, which is donated by International Institute for Geo-Information Science and Earth Observation (ITC), consists of a medal and a monetary grant, and is presented to the author, under 40 years of age, of a paper of outstanding merit in the photogrammetry, remote sensing and spatial information sciences over the 4 years prior to the Congress. The winner of the award is **Jan-Henrik Haunert** (Germany).

Dr Jan-Henrik Haunert was born in 1978. He studied geodesy and geoinformatics at the University of Hannover, Germany, and the Helsinki University of Technology, Fin-land. In 2003, he graduated in Hannover with distinction. Afterward, he became a PhD student at the institute of cartography and geoinformatics in Hannover, where he achieved his PhD in 2008 with distinction, i.e., with the best possible grade. In his dissertation, he developed algorithms for map generalization, in particular, for the automatic aggregation of areas in planar subdivisions. The methods he developed proved to be applicable for a broad range of problems in spatial data processing, e.g., in image or map interpretation

and in 3D generalization. In an exceptional way, the work of Dr. Haunert bridges the gap between theory and application, covering a broad range of topics such as spatial databases, cartographic visualization, map matching, combinatorial optimization, and computational geometry.
Haunert's award is based on the following publications:

J.-H. Haunert and L. Sering. Drawing Road Networks with Focus Regions, 2011. IEEE Transactions on Visualization and Computer Graphics,17(12):2555-2562.

J.-H. Haunert and A. Wolff. Area aggregation in map generalisation by mixed-integer programming, 2010. International Journal of Geographical Information Science, 24(12):1871-189.

J.-H. Haunert, A. Dilo and P. van Oosterom, 2009. Constrained set-up of the tGAP structure for progressive vector data transfer. *Computers & Geosciences*, 35(11):2191-2203.

J.-H. Haunert and M. Sester. Assuring logical consistency and semantic accuracy in map generalization, 2008. Photogrammetrie - Fernerkundung - Geoinformation (PFG), 2008(3):165-173.

J.-H. Haunert and M. Sester. Area collapse and road centerlines based on straight skeleton, 2008. *GeoInformatica*, 12(2):169-191.