

Christoph Strecha Honoured with Carl Pulfrich Award 2015



The Leica Geosystems Geospatial Solutions Division has announced that the Carl Pulfrich Award 2015 has been awarded to Dr Christoph Strecha. By developing algorithms in the areas of feature detection and 3D reconstructions using computer vision (CV) and UAV photogrammetry, Strecha has significantly influenced theory and practice alike. The Carl Pulfrich Award is a prestigious award which honours cutting-edge innovations and developments in geodesy, photogrammetry and the Earth sciences.

The academic Earth imaging community was encouraged to submit nominations for the biennial award. Nominees were considered on the basis of experience, activities in field of photogrammetry and remote sensing, and contributions to the advancement of all aspects of the Earth imaging field. Applied work involving hardware systems, software solutions or

innovative service activities were considered as well.

Pix4D

Receiving four highly-qualified nominations, Strecha was selected by the 10-member jury and awarded the Carl Pulfrich Award 2015. Strecha is a physicist and holds a doctorate in the field of computer vision. In 2012, he founded Pix4D, based in Lausanne, Switzerland. Since 2015, he is also the managing director of Pix4D, San Francisco, California, USA.

His pioneering work in the development of feature detectors in computer vision, the maintenance of benchmarks for CV and photogrammetry as well as the practical application of 3D reconstructions using UAV photogrammetry are commended with this globally recognised award.

More accessible

For his work to be recognised with the prestigious Carl Pulfrich Award is a great honour, commented Strecha. The goal of his work is to make photogrammetry more accessible and used for a much wider audience, he added. The key to this is the combination of computer vision algorithms with modern photogrammetry, which results in fully automated workflows with optimal accuracy. This award substantiates Strecha and his team's hard work and dedication to push the applications of photogrammetry to become mainstream.

The chairman of the 2015 jury, Prof Dr Dieter Fritsch, added the work of Christoph Strecha in computer vision and photogrammetry as well as his engagement in technology transfer are very impressive. By supervising benchmarks and Pix4D, he has made a great contribution worldwide for the cooperation between computer vision and photogrammetry.

The tribute will be given by Dr Jürgen Dold, president and CEO of Hexagon Geosystems, at the Carl Pulfrich Award Ceremony 2015 during the 55th Photogrammetric Week today in the University of Stuttgart.

For more detailed information on the 2015 Carl Pulfrich Award [see here](#).

Detailed information and the programme of the 55th Photogrammetric Week 2015 can be found [here](#).