

# Carl Pulfrich Award 2017 Awarded to Prof Franz Rottensteiner



The Carl Pulfrich Award 2017 has been granted to Prof Dr Franz Rottensteiner for pioneering developments in 3D modelling and automated object extraction. The Carl Pulfrich Award is a prestigious award for honouring cutting-edge innovations and developments in geodesy, photogrammetry and the Earth sciences.

Dr Rottensteiner's achievements have substantial impact both in the fields of research and application. His work with respect to automatic extraction of buildings from airborne laser scanner data and aerial images has been integrated into various operational commercial products of geodata industry.

The academic Earth imaging community was encouraged to submit nominations for the biennial award. Nominees were considered on the basis of experience, activities in fields 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.

## Achievements in geodesy and photogrammetry

Receiving this prestigious award is a great honour, said Prof Rottensteiner. Carl Pulfrich Award is synonymous with honouring achievements in geodesy and photogrammetry that benefit the industry. It is a significant incentive to continue his research in that direction, he added.

Receiving a considerable number of highly-qualified nominations, Dr Rottensteiner was selected by the 10-member jury and awarded the Carl Pulfrich Award 2017. Rottensteiner studied surveying at Vienna University of Technology and received the Ph.D. degree and *venia docendi* in photogrammetry from the same university. He was a postdoctoral researcher with the Vienna University of Technology, the University of New South Wales in Sydney, Australia, and the University of Melbourne, Australia. He became leader of the research group on Photogrammetric Image Analysis at the Institute of Photogrammetry and GeoInformation (IPI) at Leibniz Universität in Hannover, Germany, in 2008. Since 2014, he has been Associate Professor at IPI, focussing both his research and teaching on Image Analysis and its applications in Photogrammetry.

Speaking about the winner, the chairman of the 2017 jury, Prof Dr-Ing Uwe Sörgel, added he is pleased to recognise Prof Dr Franz Rottensteiner work in 3D modelling and automated object extraction. He has made a great contribution to the geospatial industry.

The tribute was given by Dr Jürgen Dold, president and CEO of Hexagon Geosystems, at the Carl Pulfrich Award Ceremony 2017 during the 56th Photogrammetric Week today in the University of Stuttgart.

For more detailed information on the 2017 Carl Pulfrich Award visit: <http://leica-geosystems.com/en-gb/about-us/events/carl-pulfrich-award>