

PRESS INFORMATION

Berlin / Colorado Springs, USA, March 30, 2015

Top US Award for technology developed by Berlin Medical Engineering Company

CHRONOS VISION GmbH inducted into the Space Technology Hall of Fame for their eye tracking devices.

For their sophisticated eye movement measurement equipment (Eye Tracker), initially developed of experiments on the International Space Station (ISS), Chronos Vision GmbH will be inducted into the *Hall of Fame of Space Technology* on 16th of April 2015 at the meeting of the Space Foundation in Colorado Springs, USA. The medical engineering company, based in Southwest Berlin, is the second German firm to receive this honor. The distinguished award is presented for technologies developed for space applications, which also have found application on Earth in the service of mankind. The Space Foundation is a leading, worldwide non-profit organization, which has as its task „to advance space-related endeavors to inspire, enable and propel humanity“. (www.spacefoundation.org)

CHRONOS VISION GmbH is a limited company founded in 1998 by the scientists Prof. Dr. Andrew H. Clarke and Dr. Friedrich-J. Baartz from the Charité Medical School in Berlin. Under the auspices of the German Space Agency (DLR) they were instrumental in the conception and development of a high-resolution, high-speed image processing system for the measurement of eye movements during spaceflight.

During the early stages of development it became clear that the high technical specifications required by NASA for the spaceflight implementation were ideal for earthbound applications in the medical field. In parallel to the completion and deployment of the space-qualified Eye tracker Device on the ISS in 2004 CHRONOS VISION commenced with the marketing of the technology in the medical field. The novel, and compact eye tracking devices proved ideal for use in calculating and monitoring patients' eye position during laser-based eye operations. Above all, measurement of the patient's eye coordinates in only a few milliseconds provided essential information for the improvement and performance of high precision operations. In the meantime more than 2000 CHRONOS VISION eye trackers are integrated in high quality laser operation systems.

“The recognition of our research and engineering endeavor by the Space Foundation is a great honor. It's a proud day for the company and all of our colleagues” commented Dr. Friedrich-J. Baartz. “It has been fulfilling not only to have the privilege of successfully developing space-qualified equipment, but also to contribute significantly to the refinement of refractive surgery technology. We will receive the award on April 16, 2015 at the 30st Space Symposium in Colorado Springs.”

Contact: Dr. Friedrich-J. Baartz, CEO of CHRONOS VISION GmbH, Wiesenweg 9, 12247 Berlin

Tel: 0049 (39) 31 98 060 -00, E-Mail: info@chronos-vision.de, www.chronos-vision.de



Eye Tracker in Space



Eye Tracker as a diagnostic device

[Chronos Vision is 2015 Space Technology Hall of Fame Inductee](#)

