



**Society for Imaging Science & Technology**  
7003 Kilworth Lane ▲ Springfield, VA 22151

703/642-9090; 703/642-9094 fax  
info@imaging.org

## **FOR IMMEDIATE RELEASE**

Contact Donna Smith, [dsmith@imaging.org](mailto:dsmith@imaging.org)

### **2016 Image Engineering Innovation Award Winner Announced**

The Society for Imaging Science and Technology (IS&T) and Image Engineering GmbH & Co. KG are pleased to announce that the 2016 Image Engineering Innovation Award (IEIA) is given to **Andreas Velten** (University of Wisconsin) “for the development of a time-of-flight, ultra-fast photography system.”

Andreas Velten leads the Computational Optics Group at the Laboratory for Optical and Computational Instrumentation (LOCI) at the University of Wisconsin, Madison. He is a fellow of the Wisconsin Institute for Discovery, a member of the UW Living Environments Lab, and an affiliate of the Medical Engineering Group at the Morgridge Institute for Research in Madison. He also is the co-founder of two active startup companies: OnLume, a medical device company, and Formula Database and online learning platform.

Dr. Velten completed his undergraduate studies at the University of Wuerzburg, obtained his PhD in physics at the University of New Mexico, and worked as a Postdoctoral Associate at the MIT Media Lab. He was chosen as one of the 35 top innovators under the age of 35 by MIT's Technology Review in 2012, received the Popular Mechanics Breakthrough Award in 2012, and was included in the 2013 SME innovations watch list.

The Image Engineering Innovation Award, sponsored by Image Engineering GmbH & Co. KG, and administered by IS&T, recognizes and honors efforts that lead to quality improvements or major positive changes in handling digital cameras and images. Image Engineering CEO Dietmar Wüller says that his company sponsors this award to recognize groundbreaking technologies and the engineers behind them. “Most of these technologies are developed by unknown engineers who work for big companies. We want to thank these innovators for the implementation of these technologies in products because that’s what makes today’s cameras work as well as they do.”

### **Nominations Invited for 2017**

Nominations for the 2017 Image Engineering Innovation Award are now being accepted. Individuals, worldwide, who have made substantial contributions in the areas described are eligible. The award may be shared by partners or a small team of individuals or even split between a maximum of 3 independent inventions/inventors. Both inventors and inventions/technical innovations may be nominated. If the inventor(s) is not named within the nomination, the award subcommittee will determine the inventor(s) to be cited. The deadline for nominations is October 1, 2016.

The recipients of the Image Engineering Innovation Award, selected by a committee under the auspices of IS&T, receive an engraved award and US\$1,000 cash prize. The nomination form is available here: <http://www.imaging.org/ist/membership/nominations/nominations.cfm>.

### **About Image Engineering GmbH & Co. KG**

Since 1997, Image Engineering has been the worldwide leading independent test lab for image recording systems such as digital and video cameras. Digital cameras are tested regularly according to ISO and DIN standards for well-known photo magazines and camera producers; mobile telephones, camcorders, television cameras and various other product groups such as cameras are tested for special demands in security, automotive, and machine vision areas. After the takeover of Esser Test Charts in 2006, Image

Engineering developed into the market-leading producer of test equipment for digital imaging products. More than 260 different test charts are currently available for use in photo, video and broadcasting areas.

**About the Society for Imaging Science and Technology (IS&T)**

The Society for Imaging Science and Technology (IS&T) is an international professional non-profit dedicated to keeping members and other imaging professionals apprised of the latest developments in the field through conferences, educational programs, publications, and its website.

IS&T programs encompass all aspects of the imaging workflow, which moves from capture (sensors, cameras) through imaging processing (image quality, color, and materialization) to hard and soft copy output (printing, displays, image permanence), and includes aspects related to human vision, such as image quality and color. The Society also focuses on a wide range of image-related applications, including security, virtual reality, machine vision, and data analysis.