Dr. David G. Stork

Rambus Fellow
Rambus Labs
dstork@rambus.com

David G. Stork is Rambus Fellow and heads research in the Computational Sensing and Imaging Group in Rambus Labs. A graduate in Physics from MIT and the University of Maryland, he has held faculty positions in Physics, Mathematics, Statistics, Electrical Engineering, Computer Science, Neuroscience, Psychology and Art and Art History variously at Wellesley and Swarthmore Colleges and Clark, Boston and Stanford Universities. He holds 43 US patents and has published over 200 scholarly articles and book reviews as well as eight books/proceedings volumes, including ***Pattern classification*** (2nd ed.) by Duda, Hart and Stork, ***Seeing the light: Optics in nature, photography, color, vision and holography*** by Falk, Brill and Stork, ***HAL's legacy: 2001's computer as dream and reality***, and the world's first three conference volumes on computer vision applied to problems in the history and interpretation of fine art. He has delivered over 500 conference, university and museum lectures, including nearly 100 plenary, invited and distinguished presentations including the 2011 C. P. Snow Memorial Lecture. He was co-creator of the PBS television documentary *2001: HAL's Legacy*, which compared the computer science "visions" in *2001: A Space Odyssey* with actual developments in the namesake year. He is a Senior Member of IEEE, Senior Life Member of the Optical Society of America (OSA) and the Association for Computing Machinery (ACM), and Fellow of the International Association for Pattern Recognition (IAPR), Society of Photo-Optical Instrumentation Engineers (SPIE) and International Academy, Research, and Industry Association (IARIA).

His technical contributions have been in theoretical mechanics, computational imaging, computer vision, optics, machine learning, pattern classification, computational data acquisition, concurrency theory, cryptography, visual psychophysics and perception, statistics, combinatorics, and other fields. His recent work on computational imaging led to an invited presentation and a *Best Paper* award from *SensorComm 2013* and a *Best Technology Award* from Mobile World Congress 2014.

Dr. Stork has been an accomplished semi-professional orchestral musician and appears on eight professional compact disks. He studied Art History at Wellesley College and was Artist-in-residence through the New York State Council of the Arts. He's an avid long-distance swimmer, hiker and kayaker.