

Keith Even Schubert, Ph.D.

Graduate Program Director and Professor, Electrical & Computer Engineering at Baylor University

Waco, TX, US

Keith Even Schubert, Ph.D. is professor of Electrical & Computer Engineering at Baylor University.

Biography

Dr. Schubert is a full professor in the Electrical and Computer Engineering Department at Baylor University. His interest areas are the fast, numerically stable solution of large, sparse problems, particularly for medical imaging and treatment; the design of electrical and embedded systems for medical and biological applications; the patterned growth of extremeophiles and the search for life in space; and the mathematical modeling of synchronization. Dr. Schubert has been a team leader on the December 2012 National Geographic expedition to Cueva de Villa Luz in Mexico and his work made the cover article of National Geographic July 2013. Dr. Schubert has worked on medical projects with Loma Linda University (LLU), LLU Medical Center, University of California San Francisco, Baylor Scott and White Medical centers in Dallas and Temple, and holds an adjunct full professor position at LLU. Dr. Schubert's medical projects range from developing proton computed tomography, to functional near infrared spectroscopy (fNIRS) brain monitoring to artificial intelligence for colonoscopy. He has more than 80 peer reviewed publications.

Industry Expertise

Research, Education/Learning

Areas of Expertise

Digital Logic, Aerospace Engineering, Optimization, Imaging and 3d Reconstruction, Numerical Linear Algebra, Numerical Analysis, Robust and Uncertain Systems, Scientific Computing, Control Systems, Applied Mathematics, Filtering, Bio-medical Applications of Computer Science and Engineering, Computer Architecture

Affiliations

IEEE - Senior Member, IEEE Computer Society - Member, SIAM - Member, Bioinformatics Organization, Inc. - Member, International Association of Engineers - Member, Golden Key Honor Society - Member, Gamma Lambda Chapter of Phi Beta Delta, the Honor Society for International Scholars - Member

Education

University of California, Santa Barbara

Ph.D. Electrical and Computer Engineering, Control Systems

University of California, Los Angeles
M.S. Electrical Engineering, Control Systems

University of Redlands
B.S. General Engineering

[Please click here to view the full profile.](#)

This profile was created by [Expertfile.](#)