



UCF

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

FACULTY RESEARCH TALKS

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Zoom talk | Friday, Oct. 7, 2022 | Noon to 1 p.m.

INDUSTRY PARTNER SPOTLIGHT:

Blue Eye Soft

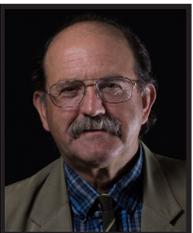


PRESENTER 1:
**SRIKANTH
KODEBOYINA**
Founder and CEO,
Blue Eye Soft

Insights on Transition of Tough Tech to Solve Critical Real-World Problems

In this talk, Mr. Kodeboyina will share the journey of the Space Anomaly Forensics & Environment Resolution (SAFER) platform from Blue Eye Soft, as well as lessons learned from being an Air Force Research Labs Catalyst Space Accelerator company, bringing product to support satellite operators and warfighters. He will also share more research and product enhancement opportunities with areas focused nuclear, laser, cis lunar and xGEO. His company received SBIR Phase 1, 2 and 2.B awards. Blue Eye Soft (DBA Blue Space) has worked with more than 16 universities across globe and significant national labs to solve complex space problems.

Mr. Kodeboyina is an accomplished global tech entrepreneur and corporate executive, having managed multimillion dollar projects across 14 countries with budgets as large as \$32 million. He received his M.S. in electrical and computer engineering from the University of Dayton in Ohio. His company, Blue Eye Soft, is an IT and ITES company based in South Carolina that focuses on business intelligence and predictive analytics using artificial intelligence and the cloud.



PRESENTER 2:
ALAIN KASSAB
Professor,
Mechanical
and Aerospace
Engineering

Biomedical Engineering Education Programs at the UCF College of Engineering and Computer Science

In this talk, Dr. Kassab will provide an overview of the biomedical engineering education programs. For undergraduate training and education opportunities, he will discuss the minor in biomedical engineering, launched in 2011 and available to all engineering and computer science students. Dr. Kassab will briefly review the Medicine-Engineering Double Degree (MEDD) program administered in collaboration with the Burnett School of Biomedical Science and Burnett Honors College. He will also discuss the M.S. in biomedical engineering, launched in Fall 2016, and the newly-approved Ph.D. in biomedical engineering, launched in Fall 2022.

Dr. Kassab received his Ph.D. in 1989 from the University of Florida. He joined UCF in 1991, serving as MAE graduate program coordinator from 1996-2003 and again from 2008-2015. He is the director of the BME program in MAE. Along with Dr. William Self, he co-directs the MEDD program. Dr. Kassab's research interests in bioengineering are in the area of computational methods in cardiovascular hemodynamics with applications to surgical treatment planning in congenital heart disease and LVADs. He has more than 30 years' experience in research and development in computational heat transfer, computational fluid dynamics, inverse problems, boundary elements and meshless methods. Dr. Kassab is a Fellow of ASME, a Fellow of AIMBE, and editor of engineering analysis for *Boundary Elements*.