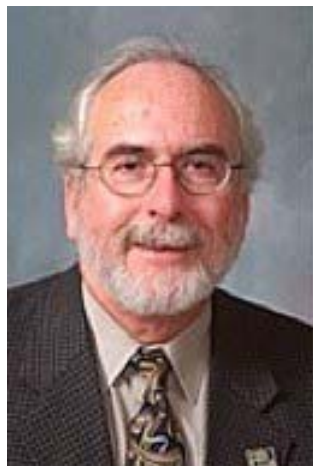


The University of Texas at San Antonio

UTSA Physics and Astronomy



Dr. Dennis Matthews

*Tahoe Institute for Rural Healthcare
Research Truckee*

Friday, April 20th, 2018

AET 0.204

3:15 PM

Development and Application of Photonics for the Biosciences and Medicine: Biophotonics

I will review some of our accomplishments in developing super-resolution microscopy, Raman-based sensors/cytometry, as well as portable imaging and sensor systems. I'll also spend some time describing our commercialization efforts and student entrepreneurship programs as part of our Acceleration of Innovation Research Grants and our University/Industry Cooperative Research Center, the Center for Biophotonics Sensors and Systems. Finally, I'll review some of the findings of the conference series we started a number of years ago, the International Congress on Biophotonics which has now been held in Sacramento, Quebec City, Jena and Perth.

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