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University of South Alabama  
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Ph. D. (2006)

Electrical & Computer Engineering, The University of Texas at Austin  
The Institute for Fusion Studies / Department of Electrical and Computer Engineering  
Research Specialization, Space Physics

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\$.% (2008)

Electrical & Computer Engineering, The University of Texas at Austin  
Department of Electrical and Computer Engineering  
Research Specialization, Electromagnetics and Acoustics!

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Supervisor, 2rof! 6ary " alloc7

'Eng. (2008)

Electrical and Electronics Engineering, University of Leicester (UK)

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August 2018 present!

University of South Alabama, Dept! of Electrical and Computer Engineering!

Courses, Electro magnetics - and Feedback Control at the Junior level! Stochastic Processes at the graduate level! : anoelectronics at the graduate level! Electrical Circuits at Sophomore level!

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July 2018 July 2018

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F:\Connors Engineering and +rading Btd!

Designed and developed analog circuits for battery chargers and hands free car kits used with cellular phones!

Developed 0 . trans mitter receiver circuits for an automobile alarm system!

Designed security and surveillance systems for condominiums and office buildings!

Designed professional lighting systems for luxury hotels and recreational establishments!

- Implemented security and surveillance systems for condominiums and office buildings!

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- > + , S! 2atra, 3! "orton, +he Dynamics of Geomagnetic Storms and Substorms with the 3-D model, presented at AGU Meeting (01)!
- > + , Magnetospheric Trigger Conditions During Isolated, Storm Time and Periodic Substorms, CFS2A0 Scientific Assembly, Mysore, India, July (01)!
- > + , +! Andriyas, ! So7a, %!B! %ays, Dst Prediction from C-0 Events During 2000\$ Using Synthesized Signals Derived from SF 6 and ACE Observations, AGU Meeting (01)!
- > > + , S! 2atra, 3! "orton, Development of a Dynamical Magnetosphere Model by Coupling the 3-D plasma physics model to an Analytical Magnetospheric Field Configuration, Invited, AGU Meeting of the Americas, Era1il (010)!
- > + , 2! 3heeler, S! Daveri, +! Andriyas, E! Eeardall, Acoustic Coupling between Drifted Cylinders, Acoustical Society of America Meeting, Salt Lake City, June (00K)!

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- > + , S! Ouss, 0! 6ollapalli, E! Derrigan, ! %ullins, D! Beggett, D! Clar7, ! %iell, D! Hassiliadis, 6! Bus7, %easurement of the Ionospheric Critical Frequency of the Ordinary Wave and the Critical Frequency of the Extraordinary Wave, 20ster, AGU Meeting (015)!
- D! Hassiliadis, ! Christian, A! Deese, > + , ! 6ross, 6! Bus7, Bridging Space Science to the Undergraduate Classroom : ASA's US-2 Mission, 20ster, AGU Meeting (015)!
- > + 9 Development of a Time Domain Radio Frequency Plasma Pedance Probe for Measurement of Absolute Electron Density and Electron Neutral Collision Frequency, 20ster, AGU Meeting (01)#!
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