

## RADS Seminar

Speaker: **Dr. Ian Walker**, University of Hull  
When: Wednesday, April 3rd, 9 AM  
Where: 310 Kelly Hall

### Continuum Robot Trunks and Tentacles

This talk will provide an overview of research in biologically inspired continuous backbone continuum "trunk and tentacle" continuum robots. In particular, robots inspired by octopus arms and plants (vines) will be discussed. The smooth profiles and inherent compliance of these robots enable them to access environments and perform tasks that conventional robots are not able to. Use of these robots for novel inspection and manipulation operations will be discussed.

#### Brief Biography



Ian Walker received the B.Sc. in Mathematics from the University of Hull, England, in 1983 and the M.S. and Ph.D. in Electrical and Computer Engineering from the University of Texas at Austin in 1985 and 1989. He is a Professor in the Department of Electrical and Computer Engineering at Clemson University. Professor Walker's research focuses on research in the construction, modeling, and application of continuum robots.

Hosts: Dr. Saied Taheri & Dr. Pinhas Ben-Tzvi

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