

COLLOQUIUM BY DAVID BRADY

THE FUTURE OF TELEVISION IN CHINA

TIME: 5-6PM, WEDNESDAY 27 APRIL 2016

VENUE: AB 1079

Dear members of the Duke Kunshan community,

I am most delighted to invite you all to the seventh colloquium of this semester by Prof David Brady!

The future of television in China

Speaker: David J. Brady, Fitzpatrick Professor of Photonics, Duke University.

ABSTRACT:

China plays an increasingly central role in the development of virtual reality, imaging and cloud services. Worldwide, broadcast media is on the cusp of revolution. In the not too distant future, it will be possible to pan, tilt, zoom and move through broadcast images. In short, viewers will be able to see much more through broadcast images than they can by actually attending events. Radical improvements in camera resolution, image data processing and communications are necessary to achieve this vision. Preliminary studies of array cameras and cloud broadcasting show suggest that significant advances can be made with current technology. This talk reviews the current status and roadmap for virtual reality television.

BIO:

David J. Brady is the Fitzpatrick Professor of Photonics at Duke University, where he leads the Duke Imaging and Spectroscopy Program. He is also Professor of Electrical and Computer Engineering at Duke Kunshan University. He is the author of the text "Optical Imaging and Spectroscopy" and is a Fellow of the Optical Society of America, SPIE and IEEE. He is a graduate of Macalester College and the California Institute of Technology and was on the faculty of the University of Illinois at Urbana-Champaign prior to moving to Duke.