

# SURGICAL FORUM

Thursday 15 February 2018

Sanderson Room W206, Level 2, (Street Level,  
West Wing, Medical Building, Parkville

## Fernando Bello

Reader in Surgical Computing and Simulation Science

Dr Fernando Bello is a computer scientist and engineer working at the intersection of medicine, education and technology. He obtained his PhD in Biomedical Systems from Imperial College in 1996 and worked as a postdoctoral Research Fellow on brain image analysis from 1996-1998 at Guy's Hospital and the University of Kent, where he became a Lecturer in Electronic Engineering.

He re-joined Imperial in September 2000 and is currently a Reader in Surgical Computing and Simulation Science within the Department of Surgery and Cancer, where he co-directs the Centre for Engagement and Simulation Science, leading a multi-disciplinary research group aiming at building suitable models and simulations of clinical processes, including clinical examination, clinical diagnosis, interventional procedures and care pathways.

Dr Bello is particularly interested in the use of virtual / mixed reality environments and haptics in the context of education and training, pioneering advanced patient specific simulation of a number of surgical procedures and clinical examinations, online and mobile simulation tools, as well as innovative approaches to contextualised simulation. He has published widely in technological, medical and educational journals, is involved in several simulation-based training programmes in the UK and abroad, and is Academic Co-director of Imperial's MSc in Surgical Innovation.

## Simulation Technology – What's Next?

6.00pm - 6.40pm Presentation:

6.40pm - Light Refreshments:

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THE UNIVERSITY OF  
MELBOURNE



Invited Speaker



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