



## HFSP Support for Physics

Joint 19<sup>th</sup> IUPAB/11<sup>th</sup> EBSA Congress  
Edinburgh International Conference Centre  
Fintry Room, 12.30 – 14:00, Monday, 17 July 2017

*Chair: Valentina Emiliani*  
*Neurophotonics Laboratory, Paris Descartes University*

- 12:50 – 13:00 Introduction & Welcome
- 13:00 – 13:20 Artificial synthesis of the bacterial flagellar motor with DNA nanostructures  
Andrew Turberfield, Department of Physics, University of Oxford
- 13:20 – 13:40 Revealing bacterial free energy dynamics during loss of viability  
Teuta Pilizota, School of Biology, University of Edinburgh
- 13:40 – 14:00 New photonic tools to unravel the development of the nervous system  
Malte Gather, School of Physics and Astronomy, University of St. Andrews
- 14:00 – 14:20 Aggregate formation by sticky bacteria  
Rosalind Allen, School of Physics and Astronomy University of Edinburgh

The full meeting program is available at <http://www.iupab2017.org/Workshops>