

**STFC Global Challenge Research Fund & 21st Century Challenges Network
Calls 2018**

Showcase and Briefing Event, 6th June 2018

Royal College of Physicians

11 St Andrews Place, London NW1 4LE

STFC will shortly be launching two calls for:

- 21st Century Challenges Networks: building multidisciplinary communities to enable the STFC research community to build engagement with challenge owners and stakeholders in the areas of environment, infrastructure and resources; health; defence, security and resilience.
- Global Challenges Research Fund: maximising the practical impact of STFC-funded research and innovation address challenges faced by developing countries and to strengthen capability for research and innovation in support of economic development.

The event will showcase a selection of existing 21st Century Challenges Networks and Global Challenge Research Fund Foundation awards and will be of interest to STFC-funded researchers with an interest in applying STFC science and technology to challenges in the UK and in developing countries, as well as researchers and stakeholders from other disciplines interested in partnering with STFC-funded researchers.

Draft Programme

10:00	Registration and Refreshments	
10:30	Welcome and introduction	Jason Green
10:45	21st Century Challenges Network Showcase: Confirmed: <ul style="list-style-type: none"> • STFC Food Network+ • UK Nuclear Data Network + • Advanced Radiotherapy Network+ • Nuclear Security Science Network 	Stephen Serjeant Gavin Smith, Paul Davies Karen Kirkby Lee Thompson
12:15	21st Century Challenges Network Call 2018	Katharine Hollinshead
12:30	Lunch	
13:30	Global Challenge Research Fund Showcase Confirmed <ul style="list-style-type: none"> • Robotics & Remote Sensing for HMA & ERW Survey: Southeast Asia Feasibility Study with LMIC Collaborator Engagement • Astro-ecology: Astrophysics meets conservation biology 	Rain Irshad, STFC – RAL Space Steve Longmore, Liverpool John Moores University

	<ul style="list-style-type: none"> • Developing capacity in Botswana, Nigeria, South Africa, Tanzania and Zambia in advanced nuclear science and technology techniques. • Applying astronomy capability to map an invasive weed: Leveraging satellite surveys to inform “Famine Weed” policy in Pakistan • An optical observatory in Kenya 	<p>Alison Bruce, University of Brighton</p> <p>Rene Breton, University of Manchester</p> <p>Martyn Wells, STFC – UK Astronomy Technology Centre</p>
14:45	Global Challenge Research Fund Call 2018	Katharine Hollinshead
15:15	Refreshments, surgery session and networking	
16:15	Close	

