STFC Food Network+ Africa Launch

The official launch for the SFN in Africa

When: 14th April 2021, 1pm – 2pm (BST)
Register via: https://bit.ly/3bJSt3s

The STFC Food Network+ (SFN) would like to invite you to official launch event of our African network. The SFN brings together scientists and technologists from the UK's advanced research infrastructure (STFC) with research and industry in the agrifood sector. We are an interdisciplinary community working to provide a sustainable, secure supply of safe, nutritious, and affordable high-quality food using less land, with reduced inputs, and in the context of global climate change and declining natural resources.

Who should attend?

Anyone with interests in agrifood sector, including researchers, industry, and civil society organisations; scientists and technologists working in robotics, AI, sensing technologies, space science and astronomy, particle/nuclear physics, and data science.

The launch will cover:

- What the SFN does, what type of projects we fund, and how you can get involved
- How UK advanced research infrastructure supports R&D in food and agri-tech, and how you utilise these resources via the SFN
- The various collaborative/networking opportunities available via the SFN

"The SFN instigates new projects between STFC research and facilities and food research and industry to make a meaningful contribution to the global food system. We are building a cross disciplinary, international community who understand the skill sets and challenges facing each other, and which engage to solve agrifood problems" ***– PI Dr Sonal Choudhary***

What is the STFC Food Network+

The Science and Technology Facilities Council (STFC) Food Network+ (SFN) brings together STFC researchers and facilities with research and industry in the agri-food sector. We are highlighting and developing key opportunities for the STFC community to make a meaningful contribution to the global food system - from sustainable intensification, through building resilience in supply chains to novel technologies to engage consumers and help change behaviour and improve nutrition.

You can find out more about all of these projects on our website. Examples include:

- Use of astronomy image analysis expertise to analyse earth observation data to improve crops and grasslands
- Learning about consumer food decision making via the Zooniverse project which has rallied over 1 million citizen scientists around the world
- Use of STFC technology to assess fruit and vegetable ripeness and quality both in the field and in the supply chain, to check for adulteration of fruit juices, and to monitor ammonia emissions in agriculture
- Use of STFC Facilities to understand arsenic contamination in rice plants, and to improve the microstructural architecture of snacks
- Improving supply chain efficiency and resilience using STFC data science expertise and STFC capabilities in blockchain, Internet of Things and cryogenics