

# Transdisciplinary Solutions to Meet the UK Food System Challenges

Inaugural meeting of the Professional Food Science, Engineering and Technology group (ProFSET)



Keynote talks from:  
**Kate Halliwell**  
Chief Scientific Officer at Food and Drink Federation (FDF)  
**Professor Gideon Henderson**  
DEFRA Chief Scientific Adviser

## ProFSET Groups

Institute of Physics



IFST



IChemE



SCI



RSC



IMechE



Society of Dairy Technology



Applied Microbiology  
International



The Nutrition Society



IAgrE

10.30 am to 3.30 pm  
23<sup>rd</sup> November 2023

Location

**Institute of Physics**  
37 Caledonian Road  
London N1 9BU, UK

# ProFSET

Professional Food Science,  
Engineering and Technology Group

# Transdisciplinary Solutions to Meet the UK Food System Challenges

## Programme

10.30 Welcome & Introduction to ProFSET (John Bows, IOP Food Physics group)

### Keynotes

10.40 **Kate Halliwell** Chief Scientific Officer at Food and Drink Federation (FDF)

*“UK Food Manufacturing – driving change in the food system”*

11.05 **Prof Gideon Henderson** DEFRA Chief Scientific Adviser

*“Feeding a growing population affordably in the face of health, climate, and biodiversity challenges”*

### Perspectives on Creating a Sustainable UK Food System from the 10 ProFSET groups

11.30 *Healthy living and agriculture*

12.00 *Net Zero carbon emissions and tackling wider adverse environmental impacts*

12.30 Networking Lunch

13:30 *Creating and benefitting from advances in technology*

14:15 *Panel Discussion - How can ProFSET support the vision of healthy, desirable, and affordable food for all?*

Facilitator: Prof Ian Noble (VP R&D Mondelez, Chair of Innovate UK Food Sector Group)

15:00 – 15.30. Networking buffet.

Registration Open

[Eventbrite](#)

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## Keynote Speaker Profiles

**Kate Halliwell** is the Food and Drink Federation's Chief Scientific Officer. Kate is accountable for the FDF's food safety, food law and labelling, and diet and health policy briefs. The role involves extensive liaison with food and drink manufacturing companies to develop cross-industry policy positions and responding to scientific consultations. Previously Kate led the FDF's diet and health policy work, and before that worked for the Department of Health and the Food Standards Agency on a range of nutrition and legislation policies. Kate Chairs the IFST's Special Interest Group for Food Science and Nutrition and is a registered nutritionist.



**Professor Gideon Henderson** DEFRA Chief Scientific Adviser. Professor Henderson was appointed Chief Scientific Adviser at the Department of Environment, Food and Rural Affairs in 2019. He is also Director General for Science and Analysis. He is responsible for overseeing the quality of evidence that the Department relies on for policy decisions. He also provides ministers with scientific advice and sets the priorities for scientific research and evidence-gathering. He has been Professor of Earth Sciences at the Department of Earth Sciences in the University of Oxford since 2006 and is a Fellow of the Royal Society.



Institute of  
Food Science  
+ Technology **ifst**

**C** RSC INTEREST GROUP  
FOOD

**Institution of  
MECHANICAL  
ENGINEERS**

**SDT** Society of  
Dairy Technology  
Passion for Dairy

**IOP**  
**IAGrE**

**SCI**  
where science  
meets business

**IOP** | Institute of Physics  
Food Physics Group

**IChemE** ADVANCING  
CHEMICAL  
ENGINEERING  
WORLDWIDE

**Applied  
Microbiology  
International**

**NS** THE  
NUTRITION  
SOCIETY  
Advancing Nutritional Science