



Greetings from Cambridge!

### **Celebratory TIGR2ESS Final Symposium**

Tuesday 21<sup>st</sup> June saw the TIGR2ESS programme's Final Symposium which celebrated its considerable outputs and impacts. The Symposium was opened by Professor Stephen Toope, Vice-Chancellor of the University of Cambridge and Professor Krishnaswamy VijayRaghavan, former Principal Scientific Advisor, Govt of India.

A series of presentations by the programme's lead investigators set out its breadth, depth and effectiveness, followed by discussions exploring its legacy and ideas for the future. You can find the Symposium's programme [here](#).

The outputs of the programme have been summarised in a series of 35 case

studies, available on the TIGR2ESS website <https://tigr2ess.globalfood.cam.ac.uk/tigr2ess-case-studies>. These capture many of the most exciting outcomes, and show the programme's success in capacity building, outreach and engagement, as well as trademark interdisciplinarity and friendly cooperation between the many research partners, member institutions and organisations.

Many TIGR2ESS members will continue the collaborations and research begun under its auspices. We wish all them all the very best.

### **Coffee Break Seminars**

This term's **Coffee Break Seminars** have covered diverse topics from Dr Henning Grosse Ruse-Khan on the relationship between intellectual property and food security, to Emma Wordsworth on Victorian famine relief, and many other fascinating subjects besides. If you'd like to catch up on previous seminars you can find recordings and slides [here](#).

Our next and final Coffee Break of the term is this Friday, 24<sup>th</sup> June, at 2pm with Min-Yao Jhu from the University of Cambridge/NIAB Crop Science Centre) who will be talking about **Sustainable Crop Nutrition**. Please make a note in your diary and use the link and password below to join:

<https://zoom.us/j/91255698144?pwd=TVN0QTNZTHVpdWJ1cCsyYldweThnZz09>

Meeting ID: 912 5569 8144

Passcode: f9T16bQYDe

GFS Coffee Break Seminars will be back in the autumn.

### **Eating to Extinction**

Last month's FCS event with Dan Saladino, BBC journalist and author of **Eating to Extinction**, was a fascinating and well attended examination of

why 'forgotten' crops matter.

If you weren't able to watch live, or would like to see it again, you can find the recording [here](#).

### **WE Lead Food**

EIT Food's **WE Lead Food** programme is currently open to applications from women in leadership positions from all sectors of the food system interested in honing their leadership skills. WE Lead Food is all about collaborating across the food system to drive sustainability, health and inclusion. The deadline for early bird discount registrations is 30<sup>th</sup> June, and the final deadline is 30<sup>th</sup> August. Find out more [here](#).

We wish everyone a great summer, and look forward to catching up with you all again in the autumn.

*Picture: The bee border at Cambridge University Botanic Garden. Credit: Cambridge University Library*

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## **LISTINGS**

### **INTERNAL EVENTS**

Weds 29th June [Impact Intros - Monthly Drop-in – Cambridge Enterprise](#)

Are you an academic looking to create impact from your research, ideas or expertise and don't know where to begin? Are you from the wider Cambridge ecosystem and want to know more about how Cambridge Enterprise can help you? Join their monthly drop-in sessions to find out.

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Sat 2nd and Sun 3rd July [Festival of Arts, Science & Ideas](#)

Newnham's beautiful gardens will host their 150th Anniversary Festival of Arts, Science and Ideas.

Wed, 6 July 2022 12:30 – 13:30 BST [Boost your Resilience and Protect your Mental Wellbeing](#)

Lucy Faulks-Barnard looks at tools and skills for boosting resilience and protecting our mental wellbeing

Tues 12 July 10am - 1pm [Exploring variation in the Botanic Garden](#)

Using the Botanic Garden's collection explore how variation provides the raw material on which natural selection operates to drive evolution.

## EXTERNAL EVENTS

Tues 28<sup>th</sup> June [London Climate Action Week | Climate Innovation Forum](#)

Returning for the fourth year, the Climate Innovation Forum is a flagship event of London Climate Action Week, bringing together senior public and private sector decision makers to accelerate the delivery of net zero commitments.

Thurs 1<sup>st</sup> September – Mon 31<sup>st</sup> October [Food and Climate Festival — Cambridge Sustainable Food](#)

Thurs 15<sup>th</sup> September [Agriculture 101 - an introduction to the sector](#)

Insights into the agriculture sector, the opportunities it presents and some of the challenges that are still seeking solutions. This day-long learning event will offer the opportunity to find out more about the drivers, opportunities, challenges and needs of the industry, how your tech can help and how to get it into the hands of farmers.

Weds 21<sup>st</sup>- Fri 23<sup>rd</sup> September [Sainsbury Laboratory Symposium 2022 | Sainsbury Laboratory \(cam.ac.uk\)](#)

The SLS2022 aims to bring together theoretical and experimental researchers from diverse disciplines using a broad range of species and approaches to investigate the regulatory dynamics contributing to the emergence of biodiversity.

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## PUBLICATIONS AND MEDIA

*\*[Contact us](#) if you would like support in promoting your new publication.*

### INTERNAL

Bartlett Harriet, Holmes Mark A., Petrovan Silviu O., Williams David R., Wood James L. N. and Balmford Andrew **Understanding the relative risks of zoonosis emergence under contrasting approaches to meeting livestock product demand** 2022 R. Soc. open sci.9211573211573

DOI: <https://doi.org/10.1098/rsos.211573>

<https://royalsocietypublishing.org/doi/10.1098/rsos.211573>

Lopez-Gomollon S, Müller SY, Baulcombe DC. **Interspecific hybridization in tomato influences endogenous viral sRNAs and alters gene expression** Genome Biol. 2022 May

DOI: <https://doi.org/10.1186/s13059-022-02685-z>. PMID: 35597968

<https://genomebiology-biomedcentral-com.ezp.lib.cam.ac.uk/articles/10.1186/s13059-022-02685-z>

Lopez-Gomollon S, Baulcombe DC. **Roles of RNA silencing in viral and non-viral plant immunity and in the crosstalk between disease resistance systems.** Nat Rev Mol Cell Biol. 2022 Jun 16.

DOI: <https://doi.org/10.1038/s41580-022-00496-5>.

<https://pubmed-ncbi-nlm-nih-gov.ezp.lib.cam.ac.uk/35710830/>

The University of Cambridge Institute for Sustainability Leadership (CISL) and 3Keel (2022). **Modelling Nature-Positive Land Management: Lessons from the East of England Landscape Enterprise Network.**

<https://www.cisl.cam.ac.uk/resources/publications/modelling-nature-positive-agriculture-and-land-management-case-studies>

Charlotte Milbank and Prof Bhaskar Vira **Wildmeat consumption and zoonotic spillover: contextualising disease emergence and policy responses**

DOI: [https://doi.org/10.1016/S2542-5196\(22\)00064-X](https://doi.org/10.1016/S2542-5196(22)00064-X)

[https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(22\)00064-X/fulltext](https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(22)00064-X/fulltext)

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Jones MK and Lister DL (in press). **The Domestication of the Seasons: The Exploitation of Variations in Crop Seasonality Responses by Later Prehistoric Farmers.** *Frontiers in Ecology and Evolution*

DOI: <https://doi.org/10.3389/fevo.2022.907536>

<https://www.frontiersin.org/articles/10.3389/fevo.2022.907536/abstract>

Daniel Fuks, Diane L. Lister, Assaf Distelfeld and Nimrod Marom, **A Time to Sow, a Time to Reap: Modifications to Biological and Economic Rhythms in Southwest Asian Plant and Animal Domestication** *Agronomy* 2022, 12(6), 1368

DOI: <https://doi.org/10.3390/agronomy12061368>

<https://www.mdpi.com/2073-4395/12/6/1368>

Fradgley, N.S., Gardner, K., Kerton, M. *et al.* **Trade-offs in the genetic control of functional and nutritional quality traits in UK winter wheat.** *Heredity* 128, 420–433 (2022).

DOI: <https://doi.org/10.1038/s41437-022-00503-7>

<https://www.nature.com/articles/s41437-022-00503-7>

Ereful, N. C., Jones, H., Fradgley, N., Boyd, L., Cherie, H. A., & Milner, M. J. (2022). **Nutritional and genetic variation in a core set of Ethiopian Tef (*Eragrostis tef*) varieties.** *BMC Plant Biol*, 22 (1)

DOI: <https://doi.org/10.1186/s12870-022-03595-9>

<https://www.repository.cam.ac.uk/handle/1810/336572>

## EXTERNAL

Dornelles, A.Z., Boonstra, W.J., Delabre, I. et al. **Transformation archetypes in global food systems.** *Sustain Sci* (2022).

DOI: <https://doi.org/10.1007/s11625-022-01102-5>

<https://link.springer.com/article/10.1007/s11625-022-01102-5>

International Affairs Forum, Volume 14, Issue 1

<https://ia-forum.org/Files/IA%20Forum%20Winter%202022.pdf>

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## FUNDING OPPORTUNITIES

\*If you are a University of Cambridge researcher interested in putting together an interdisciplinary application and would like assistance in finding suitable collaborators/coordinating a group meeting, please [contact us](#).\*

### **Cambridge Africa ALBORADA Research Fund 2022**

The Cambridge-Africa programme is pleased to announce that the call for proposals to the ALBORADA Research Fund, is now open. Applications are invited from pairs of researchers (post-doctoral level and above) from the University of Cambridge or an affiliated institution and sub-Saharan African institutions, across all disciplines, to initiate and/or strengthen research collaborations.

The Cambridge-Africa ALBORADA Research Fund competitively awards grants of between £1,000 and £20,000, for:

- research costs (such as reagents, fieldwork and equipment)
- research-related travel between Cambridge and Africa
- conducting research training activities in Africa (e.g. workshops/courses)

For more information on the scheme and the application process, please visit:

<https://www.cambridge-africa.cam.ac.uk/initiatives/2022-call/> The deadline for submission is 5th September 2022. Please direct any queries to:

[alboradafund@cambridge-africa.cam.ac.uk](mailto:alboradafund@cambridge-africa.cam.ac.uk)

### **The Douglas Bomford Trust**

[How to Apply | The Douglas Bomford Trust \(dbt.org.uk\)](#)

### **Royal Society of Biology Outreach and Engagement Award**

[Outreach and Engagement Awards \(rsb.org.uk\)](#)

**Horizon Europe Research and Innovation actions to support the implementation of the Soil health and Food Mission (HORIZON-MISS-2022-SOIL-01)**

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[Funding & tenders \(europa.eu\)](#)

**Horizon/EIT Food: 2023-2025 Call for KICs Business Plans, Cross-KIC activities and Higher Education Institutions (HEI) initiative (HORIZON-EIT-2023-2025-KIC)**

[Funding & tenders \(europa.eu\)](#)

[FSSIDS 2022: Towards Resilient Food Systems - The University of Nottingham - Malaysia Campus](#)

[Harkness Fellowships in Health Care Policy and Practice 2022 \(nih.ac.uk\)](#)

[Future Leaders Fellowships: round 7 – UKRI](#)

[Rethinking public dialogue: a UKRI experimentation fund – UKRI](#)

[Partnerships to address crop pest and diseases in UK agriculture and horticulture – UKRI](#)

[Pre-announcement: Design Exchange Partnerships: designing net zero – UKRI](#)

**Lastly, not a funding opportunity, but a chance to be part of the Cambridge Zero Climate Change Festival later this year:**

[Expression of Interest - CZ Climate Change Festival 2022 \(office.com\)](#)

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