



UK Research
and Innovation



EBNet Newsletter September 2019

Welcome back to the Environmental Biotechnology Network Newsletter.

Remember to [let us know](#) if you have anything to share with the wider community - jobs, info, requests for contacts - we exist to connect you with each other!

News and Queries

The EBNet Steering Committee has met for the first time to help shape our community. Our thanks to all those who volunteered their time to identify opportunities and challenges for the years ahead.

Representatives from CIWM, CIWEM, NBIC, BioPilotsUK, AquaEnviro, Biogen, Fibright Ltd, Foodchains, Thames Water Utilities Ltd and the Universities of York and Southampton joined our Executive Board to help lend their expertise. [Send us](#) your environmental biotechnology challenges and suggestions for activities we can do to help address these challenges - all ideas are welcome.



Forthcoming Events

Find selected upcoming events below or look further ahead with our online Google calendar.

What have we missed? Whether local or international, niche, general interest or 3rd party - provided the topic is EB, we can share with the wider membership.

5th European Conference on Sludge Management

6-8 October 2019, Liège, Belgium

The main scope of the Conference is to provide a scientific program of cutting-edge research in wastewater sludge management. It will bring together international experts of sludge management, scientists, researchers and engineers, R&D laboratories, water agencies, governmental delegates, and private companies to discuss the problems, solutions, and innovative technologies and systems for the sludge management of water and wastewater treatment field.

See: <https://events.uliege.be/ecsm2019/conference-info/>

European workshop: Waste water phosphorus removal tomorrow: ambitions and reality

9 October 2019, Liège, Belgium

See: <https://phosphorusplatform.eu/activities/conference/meeting-archive/1849-p-removal-workshop-2019>

CIWEM: Brownfield Investigation and Remediation 2019

9 October 2019, Millennium Gloucester Hotel, London

Brownfield Investigation and Remediation 2019 will provide the brownfield sector with a streamed conference programme, which will focus specifically on site investigation and risk and remediation, bringing the field together with keynote plenaries, invaluable networking time and an exhibition area showcasing those at the forefront of the contaminated land industry. See: <https://events.environment-analyst.com/79199/brownfield-investigation-and-remediation-2019>

REA: Innovation in Digestate: best strategies to maximise value & manage environmental impact

10 October 2019, The Priory Rooms, Birmingham B4 6AF

There is a rare wealth of industry experience speaking at this event, with topics covering strategies and innovation for optimal storage, use and marketing of digestate, enhancement options, market development and research. BASIS approved CPD points. See <https://www.r-e-a.net/events/rea-event-innovation-in-digestate-best-strategies-to-maximise-value-manage-environmental-impact>

KTN: The Nature of Design

10 October 2019, Birmingham

KTN is building a new UK network, showcasing the benefits of new product development design teams inspired by nature. This event will showcase how biomimicry and nature inspired solutions are being used in established innovation processes from a selection of innovative companies.

See: <https://ktn-uk.co.uk/events/the-nature-of-design>

#EnvChem2019: Advances in Environmental Chemistry

15 October 2019, London

A forum for early career and established researchers and environmental practitioners, working in environmental chemistry and engineering, to share their latest research findings.

See: <http://www.rsc.org/events/detail/39094/envchem2019-advances-in-environmental-chemistry>

CIWEM: PFAS - what are they and why should we care?

15 October 2019, Millennium Gloucester Hotel, London

This event will discuss why construction professionals in the UK should pay more attention to Perfluorinated alkylated substances (PFAS) and how to assess and manage that risk

See: https://www.ciria.org/CIRIA/Navigation/Events/Event_Display.aspx?EventKey=E19304

Is the time right for small-scale AD?

17 October, Scarcroft, Leeds

Conventional wisdom has been that – when it comes to commercially viable anaerobic digestion – bigger is better. But this may be changing, with the Government's Smart Export Guarantee and increasing interest in small and micro-scale AD plants that can be used to charge farm vehicles or deal with domestic waste. See <https://www.biovale.org/event/is-the-time-right-for-small-scale-ad/>

Biofuels International Conference and Expo

22-23 October 2019, Brussels

Co-located with the International Biomass Congress and Expo and International Biogas Congress and Expo, this will give participants access to a large gathering of biofuel and biomass companies.

See: https://www.biofuels-news.com/conference/biofuels/biofuels_index_2019.php

IBIoC: Intellectual Property – Perspectives from Innovators and Industry

24 October, University of Strathclyde

This free event is for those who are interested about learning how to deal with IP across innovation journeys.

See: <https://www.eventbrite.co.uk/e/intellectual-property-perspectives-from-innovators-and-industry-tickets-69168969249>

RSC: Chemistry Means Business

28-29 October 2019, London

The event showcases and connects the people that are at the heart of cutting edge science and technology and who are driving the advancement of chemistry for a better future.

See: <https://www.rsc.org/campaigns/chemistry-means-business/>

CIWEM: Urban Drainage Group Autumn conference 2019

4-6 November 2019, Nottingham

Technical presentations, a series of interactive forums and workshops, all supported by an exhibition showcasing the latest in technology and innovation.

See: <https://www.ciwem.org/events/urban-drainage-group-autumn-conference-2019>

European Biosolids & Organic Resources Conference 2019

19-20 November 2019, The Point at Emirates Old Trafford, Manchester

The conference covers a broad range of topics of relevance to the water and waste

industries - including anaerobic digestion, process optimisation, dewatering and land bank availability. If you work on optimisation of AD biology, [contact us](#). This is one of the major events in the calendar and registration is here: <http://european-biosolids.com/registration/>

HVBNet: Annual Meeting

28 November 2019, Wellcome Collection, London

This is a Network 'showcase' featuring guest speakers, the opportunity for delegates to give a short talk about their own interests and details of Network funding opportunities and future activities.

See: <https://www.highvaluebiorenewables.net/events/hvb-annual-meeting/>

CCNet Conference

10-12 February 2020, East Midlands Conference Centre, Nottingham

This FREE, two-day conference will bring together academic and industrial partners to identify and address key challenges in the study of Carbon ReCycling.

See: <https://ccnet-nibb.co.uk/event/ccnet-conference-1/>

Funding

Funding opportunities for academia and industry are highlighted below.

Want a partner? Contact us with your details and we can connect you with members with similar interests or put a request out through the network



UKRI Interdisciplinary Circular Economy Coordinator

Webinar dates: 17th and 22nd October

Deadline for "Intent to Submit": 31st October

Deadline for "Proposal": 19th November 2019

Up to £150k (at 80% FEC) is available for this initial grant to engage with the full spectrum of interdisciplinary research and stakeholder communities and design a proposal for an Interdisciplinary Circular Economy Hub, with up to £3.3m available at the second stage for the Coordinator to lead the integration Hub -transitioning to a more circular economy, where resources are processed with sustainability, waste minimisation and efficiency in mind, and where product lifecycles are optimised to generate more economic and social value before recycling and/or reuse.

See: <https://epsrc.ukri.org/funding/calls/ukri-interdisciplinary-circular-economy-coordinator/>

IBioC: Bioeconomy Boost 2019

Deadline: 18th October 2019

An Industry-Led Accelerator Programme for collaborative projects between companies and academia. Up to £25,000 is available to support direct costs incurred by Academic Partners to be matched by cash/in kind contribution from Industry. Project proposals aligning to Scotland's National Plan for Industrial Biotechnology are welcomed from companies demonstrating a strong presence in Scotland.

See: http://www.ibioc.com/what_we_do/funding_and_financial_support/d23/

UKR&I: Industrial Decarbonisation Challenge

Deadline for Call for Champion: 22nd October 2019

This challenge will boost development of low-carbon technologies to increase competitiveness of key industrial regions and support the UK's drive for Clean Growth. A call will be launched on the 9th September to invite proposals for a Champion who will lead a £19.9m Research and Innovation Centre. Up to £100k will be available for the Champion to deliver these activities, build the consortium and develop a proposal for the Research and Innovation Centre.

See: <https://www.ukri.org/innovation/industrial-strategy-challenge-fund/industrial-decarbonisation/>

BBSRC: 19ALERT: Mid-range equipment initiative

Deadline: 23rd October 2019

Proposals should consider equipment that will be used collaboratively by more than one organisation, whilst strengthening capability across multiple areas of the UKRI-BBSRC remit. See: <https://bbsrc.ukri.org/funding/filter/19alert-mid-range-equipment-initiative/>

RAKE Fund 2019

Deadline: 23rd October 2019

The Institute for Small Business and Entrepreneurship Research and Knowledge Exchange Fund (RAKE) fund is an initiative which aims to encourage and support research activities from academics, third sector organisations, consultants and practitioners with the ambition of drawing together and generating an entrepreneurial community of practice to facilitate knowledge exchange and transfer.

See: <https://isbe.org.uk/rake-fund-2019-call/>

KTN: SPARK Awards

Deadline: 1st November 2019

Ten SPARK Awards available as a means to encourage new collaborations between the research community and industry. Projects must be in one of the following four market sectors; Livestock and Aquaculture, Food and Drink, Industrial Biotechnology, and Plants & Crops.

See: <https://ktn-uk.co.uk/news/ktn-spark-awards-2019>

BBSRC: International Calls

Deadline: 14th November 2019

These provide partnering opportunities with any country and are not ODA restricted.

See: <https://bbsrc.ukri.org/funding/filter/?tag=international>

UKRI Interdisciplinary Circular Economy Centres

Deadline to submit an "Intent to Submit": 19th November 2019

UK Research & Innovation invites outline proposals for Interdisciplinary Circular Economy Centres. Up to £22.5 million (at 80% FEC) is available to support up to five Centres for up to four years from 1 October 2020. Proposals are invited for Interdisciplinary Circular Economy Centres, each conducting interdisciplinary research that accelerates understanding and solutions to enable circularity of a resource flow

See: <https://epsrc.ukri.org/funding/calls/ukri-interdisciplinary-circular-economy-centres/>



Training Opportunities, Awards, PhD Studentships & Jobs

Did you know we have funds available to help members access placements in industry or academia. Could you host one to share what you know? Contact us now.

Training

Aqua Enviro: Microscopic Analysis of Activated Sludge

10th December 2019, Wakefield

See: <https://conferences.aquaenviro.co.uk/courses/microscopic-analysis-training/>

PhDs

(For up-to-date details of PhDs in all subject areas search: www.findaphd.com)

Manipulation of plasma species generation in an Advanced Oxidation Process

University of Liverpool. Supervisor: Dr J Walsh

Deadline: 6th October 2019

Competition Funded PhD Project (Students Worldwide)

Flow dynamics of industrially relevant two-phase particle-liquid suspensions

University of Birmingham. Supervisor: Prof M Barigou

Deadline: 30th November 2019

Competition Funded PhD Project (European/UK Students Only)

Reutilisation of bioenergy waste residue in low-cost pollution abatement technology development

Northumbria University. Supervisor: Dr A Tiwary

Deadline: Applications accepted all year round

Self-Funded PhD Students Only

Transforming plastic waste into devices for water treatment

University of Edinburgh. Supervisor: Dr S Lau

Deadline: 19th April 2020

Self-Funded PhD Students

Still here?

To the optimist the glass is half full. To the pessimist the glass half empty. To the engineer the glass is twice as big as it needs to be.

Anon.

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