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Information and news from WIRC @ Bath.

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**Water Innovation  
& Research  
Centre**



**UNIVERSITY OF  
BATH**

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## Upcoming events



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Thank you to all those who attended our recent water colloquium featuring Professor Maria Kennedy from IHE Delf. If you missed the talk, you can find a recording on our website [here](#).



Our next colloquium is on **24th June @ 1.15pm**, where we will welcome **Dr Mirella di Lorenzo**, Reader in Chemical Engineering here at the **University of Bath**. More info will announced soon.

You can keep up to date with the WIRC water colloquia series, and the other events hosted by WIRC, by continuing to subscribe to this mailing list, as well as by following our [Twitter](#) and [LinkedIn](#) pages.

Please note that these events are free and open to all.

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## News

### Welcome!

A warm welcome to new colleague Beatrice Ashton-Lelliott ([baal20@bath.ac.uk](mailto:baal20@bath.ac.uk)) who has joined WIRC as a Research Project Assistant. Beatrice recently completed her PhD in English Literature and has experience in social media management, conference organisation and website maintenance. She has previously worked on research projects at the University of Portsmouth and the British Library. Please send her your publications, conference papers and other announcements for promotion on our Twitter page and other social media channels!





### [WIRC Return to Campus celebration event](#)

After almost 1.5 years in the pandemic, we would like to celebrate returning to campus. If the conditions permit – and hopefully they do – we would like to invite all WIRC members to come to this event and meet each other in person again. Perhaps for some of you it will be the first time that you can meet the water research community! We anticipate on having a nice afternoon session with some presentations, a poster session, and nibbles and drinks. Please jot down **20 October 2021, afternoon** in your diary for this event. The venue will be **The Edge**. Details of the programme will be announced in due course.



### [Dr Laurent Perge receives Marie Skłodowska-Curie – Individual Fellowship \(MSCA-IF\)](#)

Congratulations to Dr Laurent PERGE who has received a Marie Skłodowska-Curie – Individual Fellowship (MSCA-IF) with a 95% score for his project. He will work with a “community champion” on co-designing adsorbing filters for removing pathogens and heavy metals in water in deprived communities in Colombia using local plants and other materials as feedstock. In addition, the project will integrate these adsorbing filters into a robust and reliable water

supervised by the Water Innovation and Research Centre at the University of Bath (WIRC@Bath) director Prof Jan Hofman.

Talking about this new project, Laurent says:

“I am thrilled by this opportunity: receiving a MSCA individual fellowship is an outstanding accomplishment in my career and I am looking forward to this project to co-create life-changing technologies with the partners in Colombia. Thanks to the Innovation Clinic held by the senior management team of the WIRC@Bath last summer, I was able to rapidly iterate on different versions of the proposal and gain immensely valuable experience on writing it.”

Using the engineering skills and knowledge of the Experienced Researcher and the host supervisory team at the University of Bath, the project will lead to the improvement of the quality of the water in low-income communities as well as in humanitarian crises, thus lowering the burden of waterborne diseases. This approach will be adoptable in a wider context in other poor communities in Latin America, Africa, and Asia. To cocreate/codesign the adsorbent, frequent field studies in one deprived community in Colombia will be undertaken during the project, in partnership with the Universidad Nacional de Colombia in Bogota.

To learn more about the opportunity of a MSCA-IF at the University of Bath, please contact Dr Alex Harrison, Research Development Manager for European and international research in the Research & Innovation Services [awjh21@bath.ac.uk](mailto:awjh21@bath.ac.uk).

To learn more about the Innovation Clinic held by the senior management team of the WIRC@Bath, please contact Prof Jan Hofman [jamhh20@bath.ac.uk](mailto:jamhh20@bath.ac.uk).

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### [Invitation for a coffee and a catch up](#)

WIRC organises regular meetings for small talk, so we have booked a few afternoon catch up dates on **9th June, 23rd June at 16:15-16:45**. Come along to have a chat with us. Contact [Sonia Skaczowska](#) for meeting details.



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### [The Water Efficiency \(WATEF\) Network Conference 2022 - Call for Papers](#)

**Theme:** Water Resources Resilience for Small Island Developing States (SIDS)

**Special session:** Water Security Challenges & Strategies in the 21st Century

**Special session:** Flooding and resilience against climate change

**Date:** 14 – 16 December 2022

**Venue:** Online & Faculty of Engineering, The University of the West Indies, St. Augustine Campus, Trinidad, West Indies.

### Key dates

Abstract submission deadline		30 December 2021
Paper submission deadline		30 April 2022
Revised paper submission deadline		30 May 2022
Registration opens		12 December 2022
Early registration deadline		30 May 2022
Conference starts		14 December 2022

## Recent publications

- ['Short-Term Forecasting of Household Water Demand in the UK Using an Interpretable Machine-Learning Approach'](#), *Journal of Water Resources Planning and Management*, Xenochristou, M, Hutton, C, Hofman, J & Kapelan, Z
- ['Improving Regional Rainfall Forecasts using Convolutional-Neural Networks'](#) in *EGU General Assembly 2021, online* Barnes, A, McCullen, N & Kjeldsen, T
- ['Effects of narrow gap wave resonance on a dual-floater WEC-breakwater hybrid system'](#), *Ocean Engineering*, Zhang, H, Zhou, B, Zang, J, Vogel, C, Fan, T & Chen, C

## Upcoming conferences

[IWRA Online Conference on 'One Water, One Health: Water, Food & Public Health in a Changing World' - 7th June - 9th June](#)



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**online conference** on “*One Water, One Health: Water, Food and Public Health in a Changing World*” to take place from Monday, June 7th, to Wednesday, June 9th, 2021. You are cordially invited to **participate!**

To find out more go [here](#)

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### [Water Innovation Europe 2021 - EU Water-Smart Society for Global Leadership - 14th - 18th June](#)



1 week, 5 sessions and 9 side events towards a European Water-Smart Society for Global Leadership.

[Read more](#)

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### [IWA EcoSTP 2021 - Impacting the environment with innovation in wastewater treatment, 21st June- 25th June 2021](#)

IWA EcoSTP 2021 will take place in June 2021 and will be hosted by the Department of Civil and Environmental Engineering of Politecnico di Milano. The conference is organized by a program committee composed by Politecnico di Milano staff and chairs of previous editions of the IWA EcoSTP conference. IWA EcoSTP 2021 is supported by Water Utilities, Companies in the Water Sector, Local Authorities and other stakeholders. [Read more](#)

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Let us know if you are aware of any new colleagues or students working within water research at the University of Bath, so that we can add them to our mailing lists!

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