

Information and news from WIRC @ Bath.

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**Water Innovation  
& Research  
Centre**



UNIVERSITY OF  
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## **Merry Christmas and a Happy New Year**

Christmas is coming soon, teaching of Semester 1 will end, giving us – hopefully – a bit of time to relax in the coming weeks. It is also time to look back to what happened this year. WIRC can look back at a very successful year. I could of course give a list of successful activities and output, but in doing so, there is always a risk that you forget one or two. So, I don't. Nevertheless, the picture we see is that WIRC is growing rapidly: new grants are coming in, we capitalise on new opportunities for research, and we are getting a highly visible position in the UK water landscape. All this is happening, thanks to your contributions and efforts – A BIG, BIG thank you from my side for that!

Enjoy the final weeks of this year, and I wish you and your families and friends a Merry Christmas and a Happy and Inspirational 2018!

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## Upcoming Events at Bath

18 January 2018: Colloquium by WISE CDT Students

15 February 2018: Colloquium by Dr Benedek Plosz

13 March 2018: Joint WIRC/Chemical Engineering Seminar by Dr Antoine Kemperman

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

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## From the laboratory to the lavatory

To mark [World Toilet Day](#) on Sunday 19 November 2017 the University of Bath highlighted research that Naomi Deering is undertaking to develop laboratory-created poo in order to improve sanitation in developing countries. [Read the full article.](#)

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## Could algae hold the key?

A collaborative research project between Wessex Water and the University of Bath investigating using algae as a natural and sustainable way to treat sewage was highlighted in the Winter Wessex Water Magazine. [Read the full article on page 8 of the magazine.](#)

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## Carlos Lopez attends the SWIG Innovation Brokerage Event

On the 22nd November 2017, Industry and academia combined to present the latest advances in sensors for water during the Sensors for Water Interest Group (SWIG) Innovation Brokerage Event. [Read more about the event.](#)

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## Bringing sustainable sanitation to refugee

Chemical engineering graduate, Jack Jones, has developed an innovative toilet design and waste recycling process to improve living conditions at Kakuma.

[Read more about the project.](#)

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## Freshwater research challenges sought for the FRESH CDT

The NERC Centre for Doctoral Training in Freshwater Biosciences and Sustainability (FRESH CDT) is now starting up, with the most important task to recruit students for the first cohort, coming in in October 2018. We think this CDT and its research opportunities are of interest to many organisations and companies in the water field. We would be very much interested to engage with you on research and are currently seeking freshwater challenge questions to turn into research projects. All projects will have to be submitted for approval to the FRESH CDT panel before the **1st January 2018**.

[Find out more including contact details.](#)

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## Collaboration visit from Johannesburg to Bath

A postgraduate researcher, Luthando Tshwenya from the University of Johannesburg, visited Bath with support from the DST/Mintek Nanotechnology Innovation Centre, University of Johannesburg, Water Research commission and the National Research Foundation, South Africa to pursue research into water desalination treatment with “ionic diodes”. [Read more about the trip.](#)

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## Upcoming Conferences

7 - 9 May 2018: Cape Town, South Africa, [Water Loss 2018](#)

1 - 6 July 2018: Palermo, Italy, [13th International Conference on Hydroinformatics \(HIC 2018\)](#)

31 October - 2 November 2018: Phuket Province, Thailand, [IWA Regional Conference on Opportunities for Water Reuse in Southeast Asia](#)

You can find all IWA events on their [website](#).

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