

# CSCT Newsletter

Issue 6, July 2018

## Summer '18 editorial

By Lelia Bridgeland-Stephens



Welcome to our special Summer Showcase edition of the CSCT newsletter. On 25 and 26 June, we celebrated our 10th Anniversary in style, welcoming high profile speakers to Bath and bringing together over 200 academics and doctoral researchers, as well as our international and industrial partners - see more on page 2. In other news, our students have been exceptionally busy racking up a considerable number of prizes, so big congratulations to them! We also have some interesting news to share from around the Centre. Enjoy!

*save the date*

**Next year's CSCT Summer Showcase 1-2 July 2019**

## CONGRATULATIONS!



Congratulations to Bethan Charles for winning the VC Public Engagement Prize! "The skill and enthusiasm shown by Bethan belies the hard work and thought that she has put into engaging effectively with many different audiences, so many congratulations Bethan - the whole centre is very proud of you!" - Prof Matthew Davidson



Congratulations Miriam Regue Grino for being awarded the best short-oral presentation prize at the 10th European meeting on Solar Chemistry and Photocatalysis in Spain!



Well done to Michael Joyes for being our 3MT Finalist runner-up! His advice:

"I think all PhD students should give 3MT a go - it puts your research in context, helps improve your communication skills and gives you a break from the daily routine of a PhD."



Congratulations to Dan Davies and Megan Stalker, who won two out of three prizes at the High Performance Computing Symposium 2018. Dan won 'Best Implementation of Machine Learning' and Megan was awarded 'Best Overall Contribution'. Well done guys!



And last but not least, congratulations to all our prize winners from the Summer Showcase: our Whorrod Prize winner Emily Taylor, our Abel+Imray Research Prize winners Megan Stalker and Stefanie Federle, and our Summer Showcase poster prize winners Jack Glancy and Maya Singer Hobbs!



## NEWSFEED

June '18

On 9 & 10 June, Cohort '17 took ocean plastics to the UK's largest celebration of the natural world, The Festival of Nature in Bristol. The CSCT stand featured a range of activities based on bio-based plastics, biodegradable materials and water purification.



In her blog '11 Networking Tips from a Young Water Professional', Vicky De Groof shares some tips she learned while attending the IWA Young Water Professional (YWP) UK Conference at Cranfield University, along with fellow CSCT students, CSCT alumni, WISE and WIRC PhD students.

**#1: "...Trust me, you won't regret walking up to someone and opening a conversation at a conference".**

**For more networking tips, click here!**

Dr Mirella Di Lorenzo has been leading a project to develop an integrated device for testing water sources, in collaboration with the Universidad de los Andes. A low cost, portable and user-friendly multi sensing device has been developed, which can detect heavy metals and measure physico-chemical parameters in water sources. CSCT Director Tim Mays says: "This is an exceptional development of Dr Di Lorenzo's sabbatical in South America. She & her research colleagues should be congratulated on new results that will raise the quality of life in water-contaminated regions in the Amazon basin in Colombia"



## Coming up...

Jul	12:	Summer Graduation
	12:	STBAH Workshop ' Low Carbon Innovation in Energy Systems' (Bath Innovation Centre)
Sep	14:	CSCT Half-day Symposium
	17-8:	Royal Society Discussion Meeting: Energy Materials for a Low Carbon Future (London)
	24:	Induction Week

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## 10th Anniversary Summer Showcase

Our 2018 Summer Showcase celebrated 10 years since the establishment of the CSCT, bringing together 200+ academics, doctoral researchers and our partners from around the world.



The 10th Anniversary Dinner Reception was followed by a (very lively) ceilidh led by CSCT graduate Jon Chouler!

### Prof Phil Andrews

"The importance of these couple of days in keeping the necessity of innovative interdisciplinary science at the forefront of confronting some of the greatest challenges of our times cannot be overstated"

### Dr Mike Mason (Oxford)

"It was great to see so many people all working on solving the big problems of our time; some of the posters on display showed the potential for game changing global outcomes"

### Prof Matthew Davidson

"There was a real buzz around the showcase this year... The best meetings generate new science, new thinking and new friends and I know that all of these have been initiated in last couple of days"

### Prof Hannah Shafaat

"The most impressive component was the student presentations... It is clear that the program is doing an excellent job at training scientists and ambassadors for the future"

### Dr Jenny Baker

"I thoroughly enjoyed being on the panel. Not only did we have a good discussion during the panel but it prompted further discussions with students after the event"



Plenary speaker  
Prof Roger Sheldon, FRS

Speaker Prof Igor Polikarpov



Over 200 attendees filled up the lecture theatre!



Plenary speaker  
Prof Lord Robert Winston



All CSCT students presented posters of their research



Plenary speaker  
Dr Mike Mason



Round table discussions led by final year PhD students