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Killer threads! Fast-Fashion's impact on the environment

This one-day Distinguished Guest Lecture & Symposium organised by the Environmental Chemistry Group of the Royal Society of Chemistry explores the chemical and sociological impact, as well as the regulations and legislation associated with fashion and clothing manufacture.

Where: The Royal Society of Chemistry, Burlington House, Piccadilly, London, W1J 0BA

When: Monday 18th March 2024.

<https://www.rsc.org/events/detail/78454/killer-threads-fast-fashion-s-impact-on-the-environment>.

Programme

12.00 Lunch and Coffee

13.00 Symposium begins, opened by the Website and Social Media Coordinator of the Environmental Chemistry Group (Dr Stephanie Powley)

Dr Thomas Stanton (Loughborough University)



Dr Thomas (Tom) Stanton is a lecturer in Environmental Science and freshwater scientist. His research focusses on the prevalence and impacts of plastic and microplastics, and their alternatives (e.g. natural fibres), in the environment. Dr Stanton is an avid science communicator who has written for The Conversation and presented his research at multiple public science festivals and lectures.

Professor Will Wise (University of Northampton)



Will Wise is a Professor of Leather Science and author of the RSC book on tanning chemistry (<https://books.rsc.org/books/monograph/773/Tanning-Chemistry-The-Science-of-Leather?searchresult=1>). Having completed his PhD in organic chemistry, he changed research direction to the biopolymer field using ionic liquids to modify starch-based materials. Will is now applying this technology to the field of leather manufacture.

14.45 Tea/Coffee and Networking

15.30 Symposium resumes, chaired by the DGL organiser (Dr Kiri Rodgers)

Distinguished Guest Lecture: Dr Raquel Prado (Ananas Anam)



Dr Prado is Research and Development Science Manager at Ananas Anam. Her work is focused on improving the sustainability of the chemical processes that make it possible for Ananas Anam to manufacture clothing fibre products from the fibres within the leaves of pineapple plants – to make the process of transforming an agricultural waste product into clothing fibres even more sustainable and efficient.

"Textile industry and the environment"

Dr Prado will present the Distinguished Guest Lecture.

17.15 General Discussion

17.30 Close