

Georgina Cuckston Conference Report

The 10th Fouling and Cleaning in Food Processing 2018 conference I attended presented useful topics on food science and technology and industrial scale cleaning. Since my research is about the domestic cleaning of burnt food soils this conference provided a valuable opportunity for constructive dialogue and provided me with expert feedback. This conference is an ideal platform for presenting the results of my work because it is an international forum, consists of researchers, technologists and industry representatives who are experts in the fouling and cleaning industry.

It was organized by the Department of Chemical Engineering at the Universities of Bath, Cambridge and Lund and sponsored by Lunds Kommun, Tetra Pak® and Alfa Laval®. It was divided into five sessions: Membrane fouling and cleaning, monitoring and analysis of fouling and cleaning, heat transfer fouling and cleaning, surfaces and modification and cleaning methods including jet nozzles. The paper that I submitted to the conference was allocated to the cleaning methods including jet nozzles session. The paper was: Cuckston, G., Alam, Z., Goodwin, J., Ward, G., and Wilson, D.I., 'Quantifying the effect of solution formulation on the removal of soft solid food deposits from stainless steel surfaces' and was published in the conference book. I presented an oral presentation in the conference for twenty minutes on Friday, 20th April 2018 and I was in attendance for the other conference events on 17th-20th April. As a result, it was received successfully by academic researchers and experts of approximately 75 attendees. The paper was selected to be published in a special edition of the Journal of Food and Bioproducts Processing however the invitation was declined as the work formed part of a separate submission in an alternative journal.

The conference provided me with a valuable learning experience. For instance, it was a valuable opportunity to interact with a wide range of researchers in the field. The exchange of findings and views during conference sessions, coffee breaks and the conference dinner was a remarkable opportunity. Consequently, I have gotten to know number of academics and professionals from different countries who have similar research interests.

Finally, I would like to thank the IChemE Food & Drinks SIG for giving me the opportunity to attend the 10th Fouling and Cleaning in Food Processing 2018 via their conference funding which covered the part of my expenses. This conference was very interesting and enriched my experience with more information, knowledge and confidence.