

CO2 CAPTURE BY FROSTING ON A MOVING PACKED BED

7th May 2019 7th May 2019 Free

Thornton Science Park, University of Chester, Pool Lane, Chester, CH2 4NU

Join us for a talk by Paul Willson, who will describe a disruptive low cost CO₂ capture process being developed by his company, PMW Technology, at the Thornton Science Park in collaboration with the Universities of Chester and Sheffield and industrial partners.

The patented Advanced Cryogenic Carbon Capture (A3C) process separates CO₂ as a frost, enabling the CO₂ to be separated in a simpler, more economical way than competing technologies, whilst avoiding the use of hazardous chemicals. It minimises energy consumption by being highly regenerative and makes use of intensive heat and mass transfer. With claimed life cost reductions of CO₂ capture of up to 70% compared with the conventional amine process and its compact design the process has the potential to displace conventional processes in many applications and open opportunities for new applications in industrial and transport emission reduction

Map

For a map see :- <https://www1.chester.ac.uk/learning-site/thornton-science-park>

Free parking is available. If the visitors carpark, by the main entrance to the site, is full, proceed to the security kiosk and let the staff know you are attending the meeting. There is plenty of extra parking within the secure area, and you will be directed by security to a suitable parking area.

Timing

17:00 for 17:15

Registration

If you wish to come along, please register on

Refreshments

Tea, coffee sandwiches will be provided.

Chester and North Wales MG