



8th Annual BASF Summer School for Chemistry Teachers

Great ideas and teaching resources for teachers of Leaving Certificate Chemistry.

Eureka Centre, Kane Building, University College Cork.

Tuesday 25 June and Wednesday 26 June 2019. (Day 2 is a repeat of Day 1).

This summer school involves a partnership between BASF, PDST, UCC and the Cork branch of the ISTA. The aim of the summer school is to give chemistry teachers the opportunity to enhance their knowledge and understanding of key areas of the Leaving Certificate Chemistry syllabus, to update their laboratory practical skills and to get lots of good teaching ideas.

We will have presentations from teachers with great expertise in the area of teaching Leaving Certificate Chemistry. We will get lots of great teaching ideas from free online resources that have been developed by teachers for their own students. In addition, we will take a tour charting the historical development of chemistry and highlight the key famous chemists and their contributions to concepts that we teach our Leaving Certificate chemistry students. Also, we will study some top resources that are available for teaching Organic Chemistry and will receive a free USB (sponsored by BASF) containing all of these resources. In the lab practical session participants will get the opportunity to carry out some experiments relevant to the Leaving Certificate chemistry syllabus, gain practical experience in using dry ice to illustrate some key chemistry concepts, learn about datalogging with a mobile phone and study Spectroscopy in a Suitcase. Finally, we will take a tour of the Inniscarra water treatment plant and visit the laboratories there to learn about the modern techniques being used in the analysis of water supplied to homes and industry.

PROGRAMME

9.00 – 9.30 Registration. Tea / Coffee in Room G2 Kane Building, UCC.

9.30 – 10.15 *Online resources that I have developed to help students study Leaving Certificate Chemistry* - Ryan Gallagher, St. Aloysius College, Carrigtwohill, Co. Cork.

10.15 – 11.00 *A journey through the Leaving Certificate Chemistry course in the company of key chemists* – David O'Connell, Christian Brothers College, Cork.

11.00 – 11.15 Tea / Coffee.

11.15 – 12.00. *Resources for teaching Organic Chemistry* – Brendan Duane, PDST.

12.00–1.00 Leaving Cert. Chemistry practicals and Dry Ice experiments – Dr Declan Kennedy, UCC
Laboratory Workshops - Dr Ian O'Connor UCC, Dr Trevor Carey UCC and Dr John O'Donoghue RSC.

1.00 – 2.00 Lunch in UCC staff dining room.

2 p.m. Bus departs from UCC for Inniscarra Water Treatment Plant

2.30 – 4.30 Visit to Inniscarra Water Treatment Plant.

4.30 p.m. Presentation of Certificates of Attendance and return to UCC.

PLEASE CLICK [HERE](#) TO BOOK YOUR PLACE – ONLINE BOOKINGS ONLY



UCC

Coláiste na hOllscoile Corcaigh, Éire
University College Cork, Ireland



Eureka Centre
for Inquiry Based Education
in Science and Mathematics