



# 12th Annual BASF Summer School for Chemistry Teachers

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

**Eureka Centre, Kane Building, University College Cork.**

**Weds 21st June 2023.**

This summer school involves a partnership between BASF, PDST, UCC, RSC 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 for teaching Leaving Certificate Chemistry and Transition Year Chemistry.

## PROGRAMME

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

**9.30 – 10.15** *Common mistakes made by student in answering Leaving Certificate Chemistry exam papers* – Hilary Lynch, Clonakilty Community College, Co. Cork

**10.15 – 11.00** *How can we reward students for laboratory practical work carried out at Leaving Certificate chemistry level?* – Dr John Carroll, Nottingham Trent University, UK

**11.00 – 11.15** Tea / Coffee.

**11.15 – 12.15.** *Lithium-ion batteries and hydrogen fuel cells: the growing importance of electrochemistry in our lives* - Dr John Hayes and Jack Connolly, Dept of Electrical and Electronic Engineering, UCC.

**12.15 – 1.15** *Laboratory Practical Workshop on Teaching Electrochemistry at Leaving Certificate level* – Dr John O'Donoghue, Royal Society of Chemistry

**1.15 – 2.15** Lunch in UCC staff dining room.

**2.15 - 3.00** p.m. *Teaching Leaving Certificate Chemistry and Transition Year chemistry with the aid of Molymod molecular model building workshops.* – Dr Ryan Gallagher, Dr Declan Kennedy, UCC.

**3.00 – 4.00** *PDST Workshop: JC/LC bridging activities, e.g. balancing equations, graphing skills, keywords, Review of current PDST Resources* – Seán Kelleher

**4.00** p.m. Presentation of Certificates of Attendance and raffle for Molymod kits



**UCC**

Coláiste na hOllscoile Corcaigh, Éire  
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