

Energy Systems Integration Course – UCD – 16TH and 19TH May

[iiESI](#) in association with Marie Curie Innovative Training Networks and the [Energy Institute](#) UCD will host a 2-DAY course in Energy Systems Integration (ESI) in University College Dublin. This course follows on from previous successful [ESI courses](#) hosted by iiESI. The course is designed for graduate students and practitioners working in the field to give a perspective on the state of the art in ESI.

The introductory course is designed along two themes:

Date	Day	Theme	Facilitator
16 th May	Monday	Renewables & Storage	Prof Mark O'Malley
19 th May	Thursday	Disruptive Technologies	Dr Eoin Syron
		Energy Economics and Consumer Behaviour	Dr Lisa Ryan

Registration:

Registration is now open. To register please email energy@ucd.ie with your name, affiliation, contact details and how many days you will be attending the course.

Any queries please contact energy@ucd.ie

Date	Time	Session	Speaker
Monday 16 th May	09:30-09:45	Introduction	Mark O'Malley (UCD)
	09:45-13:00	Integration of Renewables: IEA Task 25	Jody Dillon (UCD) & John MCCann (SEAI)
	14:00-14:45	Energy Storage in Electricity Grids	Ciara O'Dwyer (UCD)
	15:15-17:30	Graphics Workshop <i>"Great scatterplots I have known: a crash course in visualizing technical data so that it's attractive, insightful and honest."</i> <i>"Visualization workshop: mastering the principles of simplicity, consistency and honesty to create insightful data graphics."</i>	Paul Cuffe (UCD)
Thursday 19 th May	09:30-10:00	What are disruptive technologies?	Eoin Syron (UCD)
	10:00-10:45	Global Context - Keynote Address: Disruptive technology the GOOD, the BAD & the UGLY	William D'haeseleer (KuLeuven)
	10:45-11:00	Coffee	
	11:00-11:45	The history of disruptive technologies in the Energy Sector over the past 100 years <ul style="list-style-type: none"> ○ <i>High pressure water network in London</i> ○ <i>Gas lighting network</i> ○ <i>Electrification of public transport</i> 	Ronan Doherty (Electroroute)
		Q&A	
	11:45-12:30	Commercialisation of future disruptive technologies in the Energy Sector	Muiris Flynn (Glen Dimplex)
	12:30-13:00	External influences on disruptive technology adoption	Eoin Syron (UCD)

	13:00-14:00	Lunch	
	14:00- 14:15	Introduction to energy economics and consumer behaviour	Lisa Ryan (UCD)
	14:15- 14:45	International keynote address: Energy economics and policy	Klaus Skytte (Danish Technical University)
	14:45-15:45	Panel discussion: Energy citizens, prices & markets	Jim Arigho (AIB) Valentin Bertsch (ESRI) John FitzGerald (TCD) Marian Troy (SSE) Geertje Schuitema (UCD)
	15:45-16:00	Coffee	
	16:00-17:00	Future energy systems workshop: Consumers, economics, and policy	Lisa Ryan and Geertje Schuitema (UCD)
	17:00	Close	