



2026 School of Engineering Industry & Careers Day Speaker Biographies

Dr Olive Murphy is an electrical & electronic engineer who turns bold ideas into real world tech that changes lives. She started by helping develop a wireless system for monitoring the hearts of transplant patients, working with world leading medical innovators. Today, she's a Director of Industrial Innovation at **Analog Devices**, leading teams that build futuristic technologies for smart factories and intelligent buildings—and partnering with top global companies to make it happen. With a First Class Engineering degree, a Master's, and a PhD from University College Cork, Olive has patented her ideas, presented around the world, and is known for making complex tech feel simple and exciting. Her career shows that electrical & electronic engineering is a launchpad: if you want to solve big problems, build the future, and make an impact, this is where it starts.

James Kelleher:

James completed the 5 year integrated MEng programme in Electrical and Electronic Engineering in UCC in 2024. He completed 2 internships at **ADI** as a systems applications engineer. His dissertation was on "Efficient Embedded Systems for Safer Driving" focused on deploying an object detection system to prevent bridge collisions. James joined ADI in 2024 as a Digital Design Engineer, working on precision designs for medical applications.

Neha Patil:

Neha is a Design Evaluation Engineer at **Analog Devices**. Her love for electronics began at 16, when she saw her dad fix a broken TV and discovered the "magic" behind it. A third-generation electronics engineer, she completed her Master's at UCC in 2025 and started at ADI as a 6-month co-op before transitioning into her current role. She now evaluates and tests the tech that powers everyday devices.



Mr David Wallace

- Started in UCC in 2016 in the BE Civil Engineering programme.
- Graduated from UCC in 2021 via the Integrated Masters in Civil, Structural and Environmental Programme.
- Working with **MWP** since September 2021 on large scale infrastructure projects including Port of Cork and Dublin Port.
- Key interests include port engineering projects and introducing sustainable design into large scale engineering projects.



Ms Niamh Molloy graduated with an ME in Process and Chemical Engineering from University College Cork (UCC) in 2025. She joined MSD in 2024 as part of her Master’s placement programme, gaining industry experience within a large scale manufacturing environment. During her final year at UCC, she completed her research project in collaboration with MSD. Her work focused on developing PI Vision dashboards for real time monitoring of HVAC and utility systems, supporting ongoing digitalisation efforts and enhanced process visibility across site infrastructure. Following graduation, she returned to **MSD** on the Chemical Engineering Graduate Programme, a three year rotational programme designed to develop early-career talent across key technical and operational functions. She is currently completing her first rotation with the Process Technical Team in Brinny, Cork, where she contributes to process support, optimisation initiatives, and day to day manufacturing operations within the site



Mr Sean McCabe

- Graduated from Energy Engineering in 2016
- Have worked on renewable utility scale projects since for developers including Brookfield Renewable, Statkraft, **Lightsource bp**
 - Worked for circa 2 years in energy management and small scale renewable energy projects for Stryker Ireland
 - Roles have largely had a mixture of engineering, finance and project management work

