



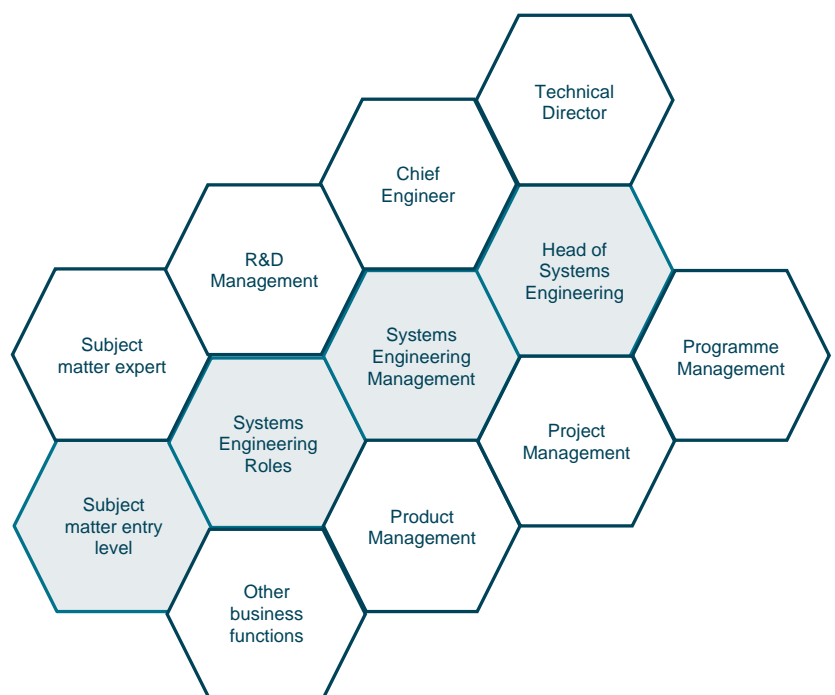
## Careers in Systems Engineering

With presentations from INCOSE UK representatives, Imperial College, University College London and Systems Engineering practitioners from across industry, the careers event held last October enabled young professionals and students gain a better awareness of what Systems Engineering can offer to their careers and how to enhance their skills. We have gathered here some insights from this event organised by the INCOSE UK Early Careers Forum and the London Local Group.

Speakers from diverse backgrounds suggested general tips very useful to navigate in the general direction of your career goal. They also shared some examples from their experience. Having both a high-level strategy and depth is important to support your career roadmap.

Where do we begin? Doing what you love is essential. Yes, this sounds obvious, but we can easily get carried away by the day to day responsibilities and forget why we are there in the first place. This doesn't mean we will not encounter some difficult patches on the journey. People also change interests and priorities. *So be prepared to work through it and move on.* It was fascinating to see how our speakers have such dynamic careers. From requirements management, to engineering leadership to capability development.

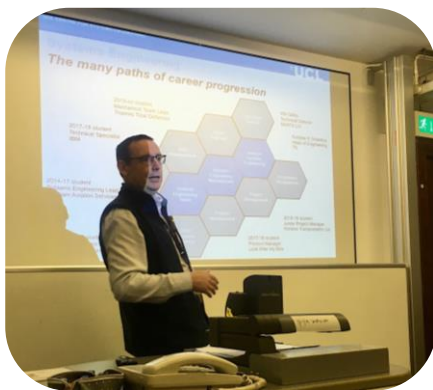
Systems Engineering takes place in multiple industries such as space, IT, defence, oil&gas or rail, and it offers multiple roles including "Concept Creator", System Analyst, Process Engineer, Design Manager. It goes beyond industry applications as it is also present in the academic sphere. There is research on the project delivery process, systems interdependencies and the use of digital twins. Our takeaways from the event is that the connection between universities and industry is a strong lever for innovation, and that it is possible to jump from one to the other in your career.



*The many paths of career progression (Source: UCLse)*

With so many options it can be hard to choose. Luckily for you, companies have a strong need for System Engineering skills now and in the years to come. Go for it, open your own doors. *You're better than you think... but you know less than you think.* Several learning methods can support your professional development, from on-the-job training, INCOSE certifications up to doctoral studies. This is something that can happen anytime throughout your career. Systems Engineering will constantly require you to do new things that you (currently) don't know how to do.

We learned from our speakers that there are many entry points, some of them unexpected. Knowing the general direction of your goal while being flexible and proactive about it can make a big difference to your career.



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