



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu HI USA

July 15-20, 2023

**KEYNOTE
SPEAKER**



Sir Julian Young

Past-President of the Institution of Engineering and Technology (IET) -
lately Air Marshal as Director General Air
at Defence Equipment & Support

Inspiring Systems Engineers: the Wonder Woman & Superman methodology ...different actions first

Biography. Sir Julian Young is the immediate past-President of the Institution of Engineering and Technology and retired 2-years ago from the Royal Air Force (RAF) after more than 40 years of service as an Engineer Officer having reached the rank of 3-star Air Marshal. Sir Julian is a keen advocate for the continued professional development of engineers, to keep up with technology - especially our digital future - and to make an appreciable difference in sustaining our planet.

In his last military appointment, he was Director-General Air within the Defence Equipment & Support (DE&S) organization in the UK's Ministry of Defence (MOD). In this role, he led some 2,265 military and civilian specialists and was responsible for putting to work £3.7 billion annually on equipping and supporting all the MOD's aircraft. He was a member of the Air Force Board and the RAF's Chief Engineer, and he had a MOD-wide role concurrently as the Defence Engineering Champion.

Throughout his long career, Julian held a variety of in-command, manpower policy, operational, engineering, training, logistics and staff appointments, including Project Team Leader for the Harrier GR7/T10 fleet and on the Support Helicopter Force (Falkland Islands, Cold War Germany and Gulf War I).

Julian's first degree was in Air Transport Engineering, and he is a Fellow of the Royal Academy of Engineering.

He is also a Trustee of the RAF Charitable Trust and Chair of 'The STEM Code' Advisory Board.

He was awarded his KBE in 2020, a CB in 2013 and an OBE in 2000.

Abstract. INCOSE has raised the bar by issuing the 'SE Vision 2035'. It is a genuinely inspiring piece, setting major challenges for the Systems Engineering profession and wider society. INCOSE members should seek to meet these: those who don't jump will never fly. A significant anchor, however, are executive seniors rooted to the limits of their knowledge and constraints of their environment. Coaching them to understand the vision and play their enabling part will be key to realizing success. Julian will give his reflections as an ex-Chief Engineer, and a call to be superhuman and jump higher than ever before.