

Conferencia invitada**“A PRESSING NEED FOR A TRUE SYSTEMIC TECHNICAL LEADERSHIP IN HIGH-TECH COMPANIES IN A FAST-CHANGING WORLD”****D. Bernardo A. Delicado****Senior Aerospace Systems Engineer**

International Council on Systems Engineering (INCOSE)

INCOSE Institute for Technical Leadership <https://www.incose.org>**Idioma de la Conferencia: Inglés****Fecha:** 2 de Octubre de 2019**Hora:** 18:00 horas**Lugar:** Salón de Grados, Rectorado de la UC3M c/ Madrid nº 126, 28903 Getafe, Madrid**Abstract:**

Today's business environment is more complex than ever. The complexity of globalization and technology is putting demands on leaders of the 21st century, but not just any type of leaders, more than ever before, organizations around the globe trying to address today's complex challenges or responding to radical change need technical leaders that render old ways of thinking inadequate for our current reality. As a result of that INCOSE's Vision 2025 identifies the development of Systems Thinking and Technical Leadership as one of seven key areas of Systems Engineering Competency. Systems thinking is critical, as is the ability to continuously scan the environment in search of subtle trends and indicators of disruptive change, and the Technical Leadership role of the systems engineer on a project will be well established as critical to the success of a project. While not all systems engineers are technical leaders, all good technical leaders are systems thinkers, and they may be called systemic technical leaders. Beyond any doubt, and without fear of being mistaken, we can and must categorically affirm that the Systemic Technical leadership will be essential for innovation and transformation in High-Tech companies in a fast-changing world.

Summarised CV :

Bernardo has been a professional systems engineer for 27 years in the aerospace and defence sector assuming a wide range of technical roles (expert, systems engineer, chief engineer, head of technology and engineering director) with transnational responsibilities within military programs embedded in multinational teams in the UK, France, Germany, Italy and/or Spain. He received a BAE Systems Innovation Award in 2004 in the UK for his contribution in the Eurofighter Typhoon program . He was a part-time professor from 1998 to 2014 at several Spanish universities and has scientific and technical publications in peer-reviewed journals and general interest publications.

Bernardo is an active member of INCOSE being the first Spaniard in its history to be recognised as an Expert Systems Engineering Professional (ESEP) in 2019, a reduced and exclusive international club of the highest possible level of professional certification in INCOSE. Founding member of AEIS (Spanish Chapter of INCOSE) in 2012 being its President from 2014 to 2015 (two years), active member of the INCOSE Institute for Technical Leadership, Systems Science Working Group and Systems Engineering Competency Working Group at INCOSE Central in USA. Contributor and reviewer of the new " INCOSE Systems Engineering Competency Framework" published in 2018, editor for the Systems Engineering Body of Knowledge (SEBoK) and for the fifth edition of INCOSE Systems Engineering Handbook.

His current professional and research interests are in the areas of Systems Engineering Competency, Systemic Technical Leadership and in the enablement of Systems Engineering at level of teams and organizations.

Entrada libre hasta completar aforo.