

Lucio Tirone



Candidate for the position of **EMEA Sector Director**

Vision

A singular type of asymmetry is emerging in organizations whose interests span over international markets. On one side, the challenges which have to be faced are getting always more *global* in nature, because of the ever increasing range of impact of our actions and decisions, and of the speed of propagation of their effects. On the other side it is as well evident that the solutions to those challenges cannot be global, but require a tailoring which should not be underestimated, if a full endorsement of the solution is to be expected at *local* level. Essentially, such organizations are required to “*think global, act local*”.

This asymmetry is well perceived within INCOSE, which has since long time taken in consideration the need to cope with the wide geographical and cultural diversity of its member base through the instantiation of the three Sectors (Sector I – Americas, Sector II – EMEA, Sector III – Asia/Oceania), each coordinated by a Sector Director. The EMEA Sector covers a huge expanse of different cultures, spanning the entirety of Europe, Africa and the Middle-East portion of Asia, representing over 4.200 members in 16 Chapters.

The purpose of the three Sector Directors is to give voice to the local Chapters, acting as primary interface between the central Board of Directors and the Leaders of the local Chapters, in order to ultimately create value for INCOSE and its relevant stakeholders (individual members, corporate industrial and academic members, final users, partner associations, etc.) by exploiting, rather than suffering, that geographical and cultural diversity.

It is my opinion that INCOSE should always strive to achieve the optimal balance of central direction and local recognition. Central direction is necessary to “*maintain the vision*”, a unified, focussed, coherent vision as *worldwide authority* on Systems Engineering, the vision that can allow every single member, no matter in what part of the world they may be located, to always feel as a proud member of INCOSE. But also local recognition is necessary, in order to fully understand the peculiar challenges that derive from each and every local Chapter. If in Sector I the “*proximity*” of all entities involved with the SE discipline is well granted by INCOSE Central, the same cannot be stated for Sectors II and III, where Chapters represent entire Countries, rather than single metropolitan areas, each with its own language, industrial and academic background, legal framework, not to speak of the governmentally regulated policies related, for example, to security.

This different approach has brought to an evolution of several Chapters in these two Sectors, from being simply groupings of INCOSE Members who explicitly require to be considered part of a Chapter, to legally recognized and independent Systems Engineering Associations, which establish the status of exclusive representative of INCOSE in the relevant Country through a mutually signed Memorandum Of Agreement (MOA). A great work has been carried out by the previous two Directors of the EMEA Sector, Paul Schreinemakers and Jean-Claude Roussel, to establish a common approach for all Countries to the signing of the MOAs, with a resulting “decentralization” of the resource-intensive functions of individual membership management, while still maintaining intact the global INCOSE vision. This approach is greatly benefitting all the involved parties, INCOSE Central, the local Chapters, and the individual members themselves, even if more work has to be done regarding the management of corporate membership.

If elected as EMEA Sector Director, I will continue on the same track set by the previous Directors, with renovated energy in the effort to bring to the full attention of the INCOSE Board of Directors the needs and requests of our local Chapters. And I will do my best to catalyse the full support of the EMEA Chapter Leaders, in the very special upcoming years for the EMEA Sector, that will witness the first IS held in Africa (Cape Town, South Africa, July 2020), soon followed by the first IW held outside of the US (Seville, Spain, January 2021), in addition to the many events already established, such as the EMEASEC, EMEA WS and SE Tours.

Biography

Lucio Tirone joined INCOSE in 2011, when he was part of the Project Team that organized the International Symposium held in Rome on July 2012. He achieved the CSEP Certification in 2012, and in 2015 he was co-founder of the Italian Association of Systems Engineering (AISE), which represents the Italian Chapter of INCOSE. He then served as President for AISE between 2016 and 2018, leading it to achieve the Gold Chapter Award, and the Director’s Award for Most Improved Chapter. He is also an Inducted Member of the INCOSE Institute for Technical Leadership (Cohort II), and a SEP Certification Application Reviewer.

Lucio Tirone is a senior Systems Engineering Manager with over 20 years of multidisciplinary international experience in the conception, design, development and testing of complex systems in several technological domains, including Aerospace, Defence, Maritime, Transportation and Security. He is currently holding the position of Senior Systems Engineer in Fincantieri S.p.A., where he is involved in supporting the adoption of Model Based Systems Engineering tools and techniques for a “Whole Warship Architecture” approach in warship design.

He has also acquired a significant experience as teacher of Systems Engineering and Architecture Approach courses, both at academic level (within several II Level Master

Degrees in Systems Engineering delivered by Italian academia and military schools), and for industrial customers, promoting MBSE techniques and tools, and the INCOSE SEP Certification Program.