SESE 2017
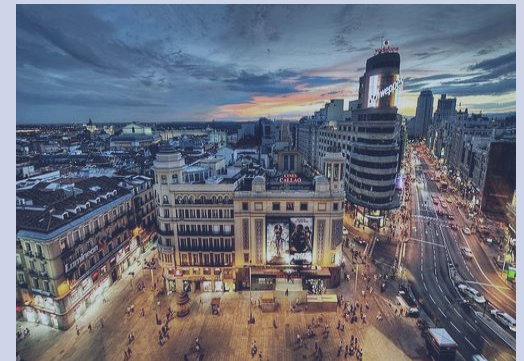# The South European Systems Engineering Tour

AEIS

Juan Llorens
President-Elect

Paris, 29th May   Rome, 30th May   Madrid, 31st May

AEIS Mission

Sharing, promoting and advancing the improvement of Systems Engineering in Spain (and as far as possible in all its official languages) for the benefit of society, industry, public administration and the environment of Spain.

AEIS Goals

- **To be the <u>meeting point for the dissemination</u> of the knowledge of Systems Engineering.**

- **To <u>promote</u> international <u>collaboration</u> in the practice of Systems Engineering, its <u>education</u> and its <u>research</u>.**

- **Ensure the establishment of the <u>highest and most competitive levels in the practice of Systems Engineering</u>.**

- **To achieve the <u>improvement in the professional career</u> of all those who are engaged in the practice of Systems Engineering.**

- **<u>Encourage governmental and industrial support of educational and research programs in order to improve the Systems Engineering process and its practice</u>.**

AEIS Projects

- **Handbook translation (Spanish)**

- **Ontologies Working Group**

- **MBSE (starting to participate in a joint action)**

- **Systems Science (Joint action)**

- **SESE (Annual event for SE dissemination with France and Italy)**

- **INCOSE IW and SYMP Annual participation**

- **SEP dissemination among practitioners in SPAIN**

- **SE Training Plans in Spain**

- **Bi-Monthly Newsletter on its way (Q3-Q4 2017)**

AEIS contributions to INCOSE WG in EMEA

Chapter		France	Italy	Russia	Israel	United Kingdom	Poland (emerging)	Germany	Spain	Netherlands	South Africa
Chapter		20	15	15	13	14	8	9	12	3	3
Topic/Working Group	12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Model-based Systems Engineering (MBSE) Initiative	9	AFIS MBSE WG	Chapter members participating in the WG	strong interest except SysML models	Model-based Systems Engineering (MBSE)-need more knowledge & expertise	UK MBSE WG		MBSE WG and additional WG working on SysML 2.0	Gaining momentum in Spain	Startup MBSE WG in December	
Training WG	8	AFIS Training & Competence WG		Systems engineering education	Training & Educating WG		Training - key topic for our members		SE Education is a very important issue in Spain, and one of our main priorities to be promoted from the Chapter	WG EDU (Education)	An active SE Training Working
Agile Systems and Systems Engineering WG	8	SE Management WG	Some Chapter members interested in topic; potential for local/Sector WG		Agile Approach & Agile SE are important topics for our members	Agility - key topic for our members	Agility - key topic for our members	2 WGs for "non complex SE" & Agil application	Driving some interest even for safety-critical applications		
Requirements WG	5		Chapter members participating in the WG			Requirements - key topic for our members	Requirements - key topic for our members		Requirements is key topic for our members		
System of Systems WG	5	AFIS SoS & Service - Architecture WG	Chapter members participating in the WG	regular topic of discussion	SoS is an important issue for our members	Chapter members participating in the WG, including co-chair					
Competency WG	4	AFIS Training & Competence WG	Chapter members participating in the WG			Competency, Professionalism, CPD - key topic for our members			SE competency and SEP Certification are important topics for our members		
Lean Systems Engineering WG	3		Chapter members participating in the WG		Lean SE is an important issue for our members		Lean SE WG - maybe (with "Bo" Oppenheim)				
Architecture WG	5	AFIS SoS & Service, Architecture WG		Architectural styles, architectural languages (not SysML)		UK Architecure WG		Functional Architecture WG			
Model-based Conceptual Design WG	3	AFIS Research & Innovation in SE WG	Chapter members participating in the WG	potential interest, not knowing much about it							
Complex Systems WG	3		Some Chapter members interested in topic; potential for local/Sector WG		Complex Systems - key topic for our members				Complex Systems - key topic for our members		