

Jean-Claude Roussel

Candidate for Director of EMEA Sector of INCOSE



. My Vision for the EMEA sector is :

- **Reinforce the Systems Engineering Global Influence through :**
  - **Extension of our geographic presence:** *We need to extend our presence beyond Western Europe in EMEA sector, so creation of new chapters in Africa, Middle East and Eastern Europe shall be developed. The next possible new chapter creation in Portugal (my next meeting in Porto on 26 Sep) with the joint support of French and Spanish Chapters may foster this initiative for others.*
  - **Extension of SE application domains to Healthcare, Mobility, Transportation and Energy.** *The Aerospace & Defense roots of SE shall be used to foster its application to other domains. Healthcare, Energy, Transportation are very active domains in EMEA and most of initiatives in those domains are supported actively by our sector.*
  - **SE Competence Integration:** *SE shall be recognized as a core competence within Engineering skills, well integrated with Project Management & Leadership capabilities.*
  - **Disseminate SE in VSE (Very Small Entities) :** *According to OECD (Organization for the Economic Cooperation and Development), the huge mass of engineers belongs to VSE (about 95%) , the full deployment of SE will be possible only if all the actors of the Extended Enterprise are involved. Today, very few VSE are aware of SE benefits.*
  - **SE Education promotion :** *Universities and Engineering Schools shall be encouraged to teach SE using our published frameworks (BKCASE/GRCSE) and Networks (INCOSE Academic Council). ISAE-Sup Aero, the famous Engineering School in Toulouse, has just decided to join the Academic Council, hoping it is opening the doors for others Universities in EMEA sector.*
  
- **Promote and maintain a SE Vision :**

*As the worldwide authority for SE, INCOSE shall have a vision and the document SE Vision for 2025 issued in 2014 in an excellent step forward, but that vision shall be maintained, regularly updated and customized by domain. The works initiated by the Automotive domain is encouraging and shall be pursued in other domains.*
  
- **Develop synergies and cooperation between chapters.**

*Since my membership in 2001, I have always been working in that mindset, exchanging ideas, projects between Chapters based on a high diversity of activities and SE application domains in the EMEA sector. This is clearly our first asset and when I see our impacts through WG or initiatives from EMEA sector which then became INCOSE WG or products, I am not surprised and this is today fully recognized. Our recent effort to create the Product Line WG initially born in AFIS Chapter is an excellent example which I would like to pursue.*

- **Encourage multi-chapters and sector level events.**

*EMEA sector is very supportive and successful with the SE Tours. These multi-chapter events, running during several days at different places are happening now every year: Nordic SE Tour, Southern SE Tour, ALS Tour, ...*

*We had also our very first EMEA International Workshop held in Oct 2015 in Paris which was a great success, confirming the need for this kind of event in full complementary with INCOSE central IS and IW. It is now agreed to have such workshop at sector level every two years, the next being planned in Sep 2017 in Germany.*

*This is of course in full complementarity with the national events in each chapter which are now well established.*

**Biography :** Jean-Claude Roussel is a Systems Engineering Senior Expert with 35 years of experience in different Aeronautic and Space Programs within Airbus Group.

Currently working at Airbus Group Innovations in Toulouse (France), the Corporate Research Center of Airbus Group, Jean-Claude is a permanent member of the Systems Engineering Steering Committee which defines the strategy of Systems Engineering for Airbus Group.

He has been successively in charge of Configuration Management, Project Management and Systems Engineering for most of the new aircraft developments within the Airbus business unit (from A320/A319, A330/A340, A380, A400M till A350 program) and some years on space programs for ESA (European Space Agency). His career began at Airbus in 1981 by developing Product Data Management application and data exchange standard for CAD/CAM (Computer Aided Design/Computed Aided Manufacturing) tools.

Graduated Engineer in Computer Science from "Polytech Lille" (France) and certified ESEP from INCOSE, Jean-Claude has been teaching since 10 years Systems Engineering and Project Management in several Universities in France.

Married with 2 children (35 and 31) and also a grandson (4 years old).

**INCOSE Background :** Jean-Claude has been a member of INCOSE since 2001 where he took an active role in the organization of the IS 2004 event in Toulouse and lead the Requirements Working Group, extending it to European members.

President of AFIS (Association Française d'Ingénierie Systeme), the French INCOSE Chapter in 2007 and 2008, he received the Gold Circle Award of INCOSE during his mandate of AFIS President. He has developed an active cooperation between AFIS and INCOSE Central as well as cooperation between chapters in Europe.

Appointed Technical Director of INCOSE in Jan 2011 for 2 years, he has been working to increase the scope of SE for non-traditional domains and SMEs, initiated a new project of the INCOSE Vision and encouraged creation of new WG (10 new WG were created during his mandate as Technical Director) with direct participation of Chapters inside and outside of US.

He has been a member and co-author of the BKCASE project (Body of Knowledge and Curriculum to Advance Systems Engineering) and co-author of the INCOSE SE Handbook V4.