Liang Zhu
Senior Engineer, AVIC Information Technology Co., LTD.

Current Residence: Shanghai, People's Republic of China

Domain: Aviation
Years in systems engineering: 8
Year joined INCOSE: 2015
Role in INCOSE: Member of the Corporate Advisory Board

"INCOSE is an open society, which gives me the chance to meet brilliant experts in systems engineering all over the world."

What do you think is the most valuable benefit of being an INCOSE member?

The Systems Engineering Body of Knowledge (SEBoK): I was eager for an authoritative body of knowledge and found it through my INCOSE membership.

What's more, INCOSE is an open society, which gives me the chance to meet brilliant experts in systems engineering all over the world.

If you could work as a systems engineer in any industry (not your own), what would it be? Why?

Online education – I believe continuing education will be a huge industry in the near future, and there are lots of online courses available. I think this industry is complex and dynamic and the challenges come from how to define the stakeholders, capture the requirements, and provide satisfactory products and services. I don't know whether existing system engineering methodologies can solve the industry's problems or not, but I believe that there are opportunities to develop the systems engineering methodology. That is interesting to me.

What is the first thing you'd work on if you were named lead systems engineer for China?

I would promote and popularize the System Engineering Body of Knowledge in China. Few Chinese people know about INCOSE and the SEBoK, so I would organize a special group to promote and popularize it as soon as possible.

Where do you see INCOSE and systems engineering going in the next 25 years?

More open, more authoritative. The world is becoming more diverse, dynamic and complex. Systems engineering is a perspective, a process, a profession and a methodology to view the world.

AN INSIDE PERSPECTIVE