The International Council on Systems Engineering

“BUILDING YOUR CAREER”
Welcome Center Event (2022 March)

Presented By New Member Engagement Team (NMET) (nme@incose.net)
About New Member Welcome Center

• The Welcome Center is a social and virtual forum for INCOSE New Members

• Welcome Center cafes aim to onboard, orient and communicate with new members in their initial INCOSE journey

• Welcome Center New Member Yammer community is an online platform that can be used dynamically by members to connect and engage with other Members and locate INCOSE information

New Member Guides

• Senior/Experienced INCOSE members connect and engage with new members via Welcome Center Café events, online collaboration (Yammer) and informal communication avenues (email, MS Teams chat etc.)

<table>
<thead>
<tr>
<th>New Member Welcome Center Café Event</th>
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<tr>
<td>Monday, March 28, 12:00 noon Japan Time (Sunday, March 27, 8:00 pm US Pacific)</td>
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<td>Thursday, March 31, 5:00 pm London Time (9:00 am US Pacific)</td>
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New Member Welcome Center Event
Purpose and Agenda

Agenda

• Welcome/Introduction (5 minutes)
• INCOSE Overview (5 minutes)
• Building Your Career: Guest Speaker (20 minutes)
  o Stueti Gupta – Monday, March 28th
  o Richard Beasley – Thursday, March 31st
• Attendee Open Discussion/Q&A Session (25 minutes)
• Conclusion/Welcome Center event feedback (5 minutes)
Vision, Mission & Goals

• Vision
  • A better world through a systems approach.

• Mission
  • To address complex societal and technical challenges by enabling, promoting, and advancing Systems Engineering (SE) and systems approaches.

• Goals
  • Be a focal point for dissemination of systems engineering knowledge
  • Promote international collaboration
  • Assure the establishment of professional standards in systems engineering
  • Improve the professional status of all Systems Engineers
  • Encourage governmental and industrial support for System Engineering

• Visit https://www.incose.org/about-incose to view the vision, mission and goals
INCOSE Reach

- 18000+ Members
- 74+ Chapters
- 55 Working Groups
- 3182 Certified

Americas Sector

EMEA Sector

Asia-Oceania Sector
New Member Welcome Center Event

Certification
Become a certified to advance your recognition in SE

Working Groups
Join a working group to help lead, guide and advance technical knowledge

Chapter Involvement
Become involved in your local chapter STEM programs to support the upcoming generation of SE’s

Leadership
Grow, advance and leave an impact by becoming an INCOSE volunteer

Why INCOSE?

Professional Development
Increase technical knowledge through INCOSE webinars, publications, papers and your chapter tutorials

Professional Networking
Connect and engage with your SE peers various INCOSE, sector and chapter events to expand your professional network

Professional Prominence
Advance visibility and impact by becoming involved in developing, publishing, and presenting on SE topics

Incose.org/career

Improve your knowledge and skills

Create friendships

Share technical knowledge and ideas with the community and across professional organizations
Welcome Center Poll

We want YOUR Feedback on today’s Welcome Center event (e.g., chat poll)
1. What did you like about this Welcome Center event focused on the International Workshop?
2. What can be improved for future Welcome Center events?
3. How else do you want to be supported to become more involved within INCOSE?

Contact Us @ nme@incose.net
INCOSE Products

- Technical Publications/Products
  - SE Journal,
  - INSIGHT Magazine
  - INCOSE Newsletter
  - Members have access to free soft copy downloads: www.incose.org/pubs
  - **NEW!** Member discount code for all Wiley publications www.incose.org/wiley

- SE Body of Knowledge (SEBOK)
  - https://www.sebokwiki.org

- Periodicals
  - www.incose.org/periodicals

- Proceedings/Papers
  - www.incose.org/papers

- INCOSE Store
  - Purchase and order INCOSE products via connect.incose.org/store
• Working Groups (WGs) are the resource practitioners need.
• Participants discuss, collaborate, share in person, and online across more than 60 WGs in INCOSE with a wide diversity of interests.
• INCOSE WG members create products, present panels, develop and review standards.
• View the INCOSE Working Groups - www.incose.org/workinggroups
Working Group Members

• Bring value to other INCOSE stakeholders in your interest area
• Build expertise and contacts
• Help develop and review international standards
• Create products to advance the state, art and practice of Systems Engineering.

• How to Join a Working Group (found on the working group page)
  • Membership in Working Groups is open to any INCOSE member. To join a group:
    • http://profile.incose.org
    • Scroll to the bottom left section titled "My Committees and Working Groups"
    • Click the link for "Browse / Join a Working Group"
    • Find the desired Working Group and click on View to see roster; the Join option is at the bottom of the page
    • Additionally, email the Working Group leaders by clicking on their name(s) from the Working Groups page and sending them an email expressing your interest!
At the heart of INCOSE is the ability to connect people.

Whether you are interested in increasing your circle of influence, or in working on an issue, INCOSE Chapters and Working Groups offer unparalleled points of connection.

Search for an INCOSE chapter - www.incose.org/chapters
New Member Yammer Community

• New Yammer community will be created
• This is a community for YOU, INCOSE New Members to network and discuss topics of interest
• [www.yammer.com](http://www.yammer.com) and login with your @incose.buzz account when assigned
The INCOSE website IS the way to access the latest information and resources.

Visit www.incose.org to log into your INCOSE account, access your profile, assign your INCOSE chapter, access publications and so much more!

Use your login ID and password to access the intranet.

To collaborate with working groups and teams go through the Portal.

Locate New Member information.

Purchase and download INCOSE publications.

Use your login ID and password to access the intranet.
Corporate Advisory Board

- The INCOSE Corporate Advisory Board (CAB) is the voice of the industry to the INCOSE leadership, leading to the development of systems engineering products and input to standards to meet their needs.
- Learn more about the CAB and access application forms at www.incose.org/cab
- Why should a company join the INCOSE CAB?
  - CAB membership allows your organization to guide the direction of the discipline.
  - Employees can gain access to the state-of-the-art products.
  - Align with peers and fellow industry leaders, grow your global footprint, and learn about how other industry leaders are applying systems engineering to solve business problems.
  - Gain better access to talent – find and hire competent, certified Systems Engineers through your INCOSE connection.
INCOSE Events

• INCOSE conferences, events and news information is located at www.incose.org/events.

• At this site, you will find a listing of upcoming informational sessions, a link to the annual International Working Group (IW) and the International Symposium (IS) conferences.
New Member Welcome Center

Many Resources for New Members

• Recordings and presentations from past New Member Café Events
• About INCOSE Overview
• Ways to engage in INCOSE
• Learning and Development
• Publications
• Growing your Career

www.incose.org/newmember
How INCOSE Helped My Career

Richard Beasley – RR – 1986- 2022 (and beyond!)

Associate Fellow – Systems Engineering

March 2022
I joined Rolls-Royce in 1986 as a graduate trainee (with Physics degree)

In 2011 I was appointed an Associate Fellow

I joined INCOSE in 2006

Rolls-Royce Engineering Career Paths
Lots of moving about, in discipline as well as role
Never really did a “project” role
My final specialism wasn’t defined / known when I joined Rolls-Royce!
1) Member RAeS (2000), then CEng (2001), then Fellow (2007)
2) Member INCOSE (from 2006). Awarded ESEP 2018
3) Role on INCOSE Bristol Local group (2008-2012)
4) BKCASE author (2009-2012)
5) Bristol Uni Visiting fellow (2011-2019) (non-INCOSE)
6) President INCOSE UK (2012-2018 – inc pres-Elect and Past president – included Master of Ceremonies at IS16 in Edinburgh)
7) INCOSE International Competency working group (2010-2018)
8) INCOSE Services Director (2020-2024 – Deputy 20-22, Director 22-23))

How INCOSE and other professional society activities) mapped onto this
Plus a number of papers from 2009 onwards (including two best papers)
- Reflection on practice to validate specialism
- Working with multiple (non-RR co-authors) to develop more diverse viewpoints on SE practice
INCOSE is about the people you meet and friendships you make

Image from evening socialising at IS17 in Adelaide

In picture are
• PM for event
• Three panellists
• Authors of at least 5 IS17 conference papers
Have a Career Plan

• Invest In The Time to Reflect
  • What are your aspirations? What do you want to be known for?
  • Determine and write your SMART goals – specific, measurable, achievable, relevant and time-bound (example: Indeed)
    • What do you want to achieve in a year, 5 years, 10 years?
    • Think about what you like/don’t like in the field of systems engineering.

• Do Your Research
  • Identify emerging SE trends (the INCOSE SE Vision 2035 can inform your research)
  • Research your organization’s strategic and operational direction
  • Research educational /certification opportunities to hone or update your skillset

• Write Down and Revisit Your Career Plan
  • Lots of job sites (SHRM, Indeed, LinkedIn etc.) have guidance and templates of Career Plans
  • Periodically revisit and refine your career plan. Find a mentor to validate and help inform your career journey
  • Reference valuable INCOSE opportunities at Grow in SE (incose.org)
Guide Break out Time

Ask questions, discuss lesson learned, gain more insight into the IW experience
Back Up
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