



**Benefits of  
INCCOSE  
Membership**

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## What is Systems Engineering?

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**Systems Engineering brings two vital elements to a project that are not usually present:**

- **A disciplined focus on the end product, its enabling products, and its internal and external operational environment (i.e., a system view)**
- **A disciplined vision of stakeholders' expectations independent of daily project demands**



# System Engineering Effects Everyone

*From S.A. Sheard, "Twelve Systems Engineering Roles,"*

*1996 INCOSE Proceedings*

- **Requirements Owner:** Requirements owner, manager, allocator, and maintainer; specification writer or owner; developer of functional architecture; and developer of system and subsystem requirements from customer needs.
- **System Designer:** System designer, owner of "system" product, Chief Engineer, system architect, developer of design architecture, specialty engineer (such as human-computer interface designer), and "keepers of the holy vision".
- **System Analyst:** System analyst, performance modeler, keeper of technical budgets, system modeler and simulator, risk modeler, and specialty engineer (such as electromagnetic compatibility analysts).
- **Validation and Verification:** Validation and verification engineer, test engineer, test planner, owner of system test program, and system sell-off engineer.
- **Logistics and Operations:** Logistics, operation, maintenance, and disposal engineer; and developer of users' manuals and operator training materials.
- **Integrator:** System integrator, subsystem integrator, owner of internal interfaces, seeker of issues that fall "in the cracks," risk identifier, and "technical conscience of the program".



# Today, Everyone is a System Engineer

*More From S.A. Sheard, "Twelve Systems Engineering Roles,"*

*1996 INCOSE Proceedings*

- **Customer Interface:** Customer interface, customer advocate, customer surrogate, and customer contact
- **Technical Manager:** Technical manager; planner, scheduler, and tracker of technical tasks; owner of risk management plan; product manager; and product engineer
- **Information Manager:** Information manager, configuration manager, data manager, and metrics manager
- **Process Engineer:** Process engineer, business process re-engineer, business analyst, and owner of the systems engineering process
- **Coordinator:** Coordinator of disciplines, tiger team head, head of integrated product teams, and system issue resolver
- **"Classified Ads System Engineering":** Computer programmers, database administrators, computer network assemblers, computer system administrators and maintainers, computer code specialists, and others



## Why Join INCOSE?

Membership in the International Council on Systems Engineering (INCOSE) expands your view of complex systems engineering and your knowledge of the many aspects of the practice.

- ◆ Project managers, software engineers, hardware engineers, and product developers join INCOSE to learn how to the use systems engineering processes and apply them to their industries.
- ◆ Get a global perspective of job responsibilities.
- ◆ Learn how the application of systems engineering techniques can improve job performance and your organization's well being.



## Benefits of INCLOSE Membership? (1 of 2)

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**With INCLOSE membership, you'll receive the following benefits:**

- ◆ Network with over more than 4,100 SE professionals in more than 30 countries,
- ◆ Quarterly Publication, *Insight*,
- ◆ *Systems Engineering*, the Journal of INCLOSE,
- ◆ Contribute through INCLOSE Technical Committees,
- ◆ Collaborate with Experts and Practitioners,
- ◆ Lowest Prices on INCLOSE Publications,
- ◆ Exclusive access to the Members' Only Area on our website,
- ◆ Special Downloads,



## **Benefits of INCOSE Membership (2 of 2)**

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**With INCOSE membership, you'll receive the following (continued):**

- ◆ **Membership Directory,**
- ◆ **Systems Engineering Handbook (2nd revision, no charge to members in softcopy),**
- ◆ **Measurement Primer (No charge to members in softcopy),**
- ◆ **Current and past issues of the Journal**



## Other Membership Benefits

### Your membership supports:

- ◆ Annual International Symposia
- ◆ Local Chapter Operations
- ◆ INCOSE World Wide Web
- ◆ INCOSE Listserver (for online discussions)
- ◆ INCOSE Representation on Standards Committees
- ◆ Professionally Operated INCOSE Office



## Keep Up with the Latest

**You'll have opportunities to purchase:**

- ◆ **INCOSE Guidebooks and Handbooks**
- ◆ **Annual Proceedings on CD-ROM**
- ◆ **Products from Technical Committees**



## Cost of Membership?

### **Membership is only \$105 US per year.**

- The membership year is an annual membership year that runs from the date joined for all member types. Corporate Advisory Board membership is January 1-December 31. The dues are prorated for the next membership year.
- INCOSE maintains three categories of individual membership: Regular, Senior, and Student. You may select any category for which you are eligible.

#### **Regular Individual Membership**

System engineering professionals from corporate management, government & program management, research & development, science and engineering, business development, and many more – gain technical knowledge, networking, access, and influence from an individual membership . Students studying to become systems engineers or advancing their expertise can benefit from a membership in INCOSE as well. Regular Membership dues are \$105USD and those paying the Regular member rate are eligible to purchase hard copies of INSIGHT and the Journal at a discounted rate for one membership year. INSIGHT = \$20USD and the Journal = \$30USD.

#### **Senior Members**

Individual members qualify for the Senior category if they are at least 64 years of age the time of their membership renewal and have maintained their individual membership for the five membership years prior to applying for the Senior category. Senior members also receive a 50% discount on their registration and other program fees for the International Symposium, and the registration fee for the International Workshop is waived. Please note that, if you take advantage of this offer, you will have access to the Journal and INSIGHT via the INCOSE website only. Senior membership dues are \$55USD.



## Special Student Memberships

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Student memberships are just \$20 per year. To qualify as a student member, the course load must be at least  $\frac{3}{4}$  of full time. (For example, if the full-time student course load is 4 per semester, then the student must be enrolled in 3 or more courses in order to qualify for the student membership rate.)



## Special Discounted Memberships

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You may be eligible for a discounted INCCOSE membership fee! Depending on the international purchasing power of the country in which you live, you may be eligible for a 25% or 50% discount. Please note that, if you take advantage of this offer, you will access INSIGHT and the Journal from the INCCOSE website; you will not be mailed hard copies. For further information, please contact [info@incose.org](mailto:info@incose.org).



## Membership Application Information

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### **Do one of the following to join INCCOSE:**

1. Request an Application form from the INCCOSE Central Office via e-mail and return it.
2. Mail the Completed Application with Payment.
3. Fax the Completed Application with credit card Payment.
4. Complete an On-line Application (American Express, MasterCard ,or Visa only.)