US/CANADA: 800.366.1164 / 1.858.541.1725 / WWW.INCOSE.ORG

Share, promote and advance the best of systems engineering from across the globe for the benefit of humanity and the planet

Contact:
William Lopez
INCOSE
858.541.1725
William.lopez@incose.org

Biomedical Engineering is among the latest fields recognizing the role of systems engineers

The field will be strongly represented at this year's international conference on systems engineering

Systems engineers are gaining greater recognition for their critical roles in developing highly complex programs

[San Diego, Calif. -- June 1, 2011] --- The International Council on Systems Engineering (INCOSE), the world's authority on Systems Engineering, is hosting the biomedical community at its 21st Annual International Symposium in Denver, June 20-23, 2011. The biomedical field joins the transportation field among others, seeking to populate their industries with systems engineers -- a career that until more recently was only well established within aerospace and defense.

Systems engineers in biomedical engineering have been invited to carve out a four-day workshop consisting of peer tutorials, panel discussions, and paper presentations. The workshop is part of a larger effort by the INCOSE Biomedical Working Group to promote awareness and practical application of systems engineering in the biomedical profession. At the symposium, collaboration can be expected to occur across commercial, academic, and government sectors.

To participate: http://www.incose.org/practice/techactivities/wg/biomedical/.

Until recently, specific job titles and career ladders for systems engineers existed primarily in aerospace and defense. Yet the work that systems engineers perform,

developing complex systems with maximum efficiency and effectiveness at minimal cost, are found in just about any field, from finance to mining to transportation. The biomedical field relies on systems engineers to improve methods and delivery of healthcare, such as introducing higher degrees of sophistication in marrying up diagnosis with preventive care, immediate intervention and long-term care, with operational and cost efficiencies.

As distinct from engineers in other disciplines, systems engineers facilitate cooperation between the various components of complex programs, and ultimately, they help deliver synchronized system solutions.

The results of systems engineering can be found in commercial and government sectors in transportation systems, communications systems, healthcare systems, and defense or weapons systems. The rise of the profession is evident by the growing number of schools offering advanced system engineering degrees – and those who enter the profession with the intention of a long term, rewarding career.

About INCOSE:

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the interdisciplinary principles and practices that enable the realization of successful systems. INCOSE's mission is to share, promote, and advance the best of systems engineering from across the globe for the benefit of humanity and the planet. INCOSE has grown significantly since its formation in 1990. Today, there are over eight thousand members representing a broad spectrum – from student to senior practitioner, from technical engineer to program and corporate management, from science and engineering to business development. Over 50 chapters have been established worldwide and 60 firms are active members of the Corporate Advisory Board. Additional information is available on our public website, www.incose.org.

For more information INCOSE's 21st annual symposium: www.incose.org/symp2011

XXX