

INCOSE Chicagoland March 2015 Meeting



Topic: *The New IEEE Standard 730-2014 and Customization of SQA Plans*

Presenter: Bakul Banerjee, Ph.D., PMP

Date: Thursday, March 19, 2015

Agenda: 6:00-6:30 p.m. CT – Dinner (\$5 Member / \$8 Nonmember) & Networking
6:30-6:45 p.m. CT – Introductions & Announcements
6:45-8:00 p.m. CT – Presentation and Q&A

Locations:

1. **Schaumburg, IL** – IBM, 10 N. Martingale Dr., Schaumburg, IL 60173 (3rd Floor Conference Room)
2. **Lake Forest, IL** – Hospira, 375 N. Field Drive, Building H3, Lake Forest, IL 60045 (1st Floor R&D Innovation Conf Rm)
3. **Milwaukee, WI** – Astronautics, 4115 N. Teutonia Ave., Milwaukee, WI 53209 (Engineering Conference Room 1)
4. **Madison, WI** – Bjorksten | bit 7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

Abstract

Got a system with a significant software component? Does your system fall under one of the following categories: healthcare automation, nuclear control system, aerospace controls, high-risk financial system or life sustaining medical device? In this presentation, the context of the IEEE 730 Standard (soon to be adopted by ISO/IEC) will be outlined within the framework established in ISO/IEC Std. 12207 Systems and software engineering —Software life cycle processes. Then, the details of developing software quality assurance plans (SQAP) as described in the IEEE 730 document will be presented. Lastly, considerations for SQAP customization for specific industries and regulatory compliance requirements will be discussed using informative annexes included in the standard and the personal experience of the presenter.

About Our Speaker

Bakul Banerjee, a Senior IEEE Member and a PMP, has many years of experience as a software/systems engineer, project manager and quality assurance professional working at various organizations associated with the US Department of Energy. She has been actively involved with IEEE technical standards throughout her professional career, participating in many standard development working groups and reviewing IEEE and PMI standards. She has been an active member of the IEEE 730 working group and a balloter. She has published and presented several technical papers.

Questions?: For more information, go to <http://www.incose.org/Chicagoland/>.