

Date: Saturday, October 14, 2006

Time: 9:00am - 12:00pm

Sede del CIAPR
Hato Rey
Salón Ing. Carlos Salgado



IEEE Computer Society - Western Puerto Rico Section
IEEE Computer Society - Puerto Rico & Caribbean
CIAPR - Instituto de Ingenieros de Computadoras

Invites you to the following seminar series:

Seminar #1: Software Engineering: A Profession?

Seminar #2: The Certified Software Development Professional (CSDP)

Offered by: **Dr. J. Fernando Naveda**
Professor and Department Chair of Software Engineering
Rochester Institute of Technology
Distinguished IEEE Lecturer

Place: Sede del CIAPR / Hato Rey / Salón Ing. Carlos Salgado

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Cost: FREE

Refreshments will be served

3 contact hours (0.3 CEUs) under evaluation



Seminar #1: Software Engineering: A Profession?

Abstract: Much of the debate about the value of software engineering as a profession different from computer science rests on the belief by many that software engineering is just applied computer science. On the other hand, those who assert that software engineering is engineering, provide convincing arguments in favor of a discipline of software engineering. In this talk we discuss many reasons to support the argument that building software is an engineering discipline.

Seminar #2: The Certified Software Development Professional (CSDP)

Abstract: New innovations, new developments, and new methods of implementation are creating the environment in which software professionals must function. The challenge facing today's computing professionals is to keep up with technical changes and best practices in order to create state-of-the-art software. Professionals must be educated about best practices in requirements, design, development and test and demonstrate a high level of competency. Recognizing the importance of continuing education in today's software development environment, the IEEE Computer Society created the CSDP program. The CSDP examination is designed to measure an individual's mastery of the fundamental knowledge required to perform the functions of an experienced software engineer. The CSDP program helps assess an individual's software engineering knowledge and skills. Unlike vendor certifications, the CSDP is a comprehensive, professional certification that incorporates four critical components: an examination demonstrating mastery of a body of knowledge, extensive experience in relevant knowledge areas, continuing professional education, and review of a code of ethics. The CSDP is the only certification for computer professionals that carries the brand, reputation, and standards of the IEEE Computer Society. Established in 1946, the IEEE Computer Society is the leading professional association for computing professionals worldwide. Today there are nearly 100,000 society members in 158 countries. The society is the largest technical society within the Institute of Electrical and Electronics Engineers, Inc. (IEEE). There's no better time than today to complete the CSDP examination application and discover the IEEE Computer Society's commitment to your lifelong learning. The exam is currently administrated at sites located in the USA, Canada, India, China, Ireland, Hungary, Japan, Russia and Brazil. The IEEE Computer Society is interested in expanding its worldwide exam site network and is considering Spain among other countries.

In this talk we discuss relevant issues and overall development and content of the CSDP to help the audience gain a better understanding of the exam and related activities currently underway at the Computer Society.

IEEE Computer Society / Western Puerto Rico Section

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**SEMINAR SERIES:
SEMINAR #1: SOFTWARE ENGINEERING: A PROFESSION?
SEMINAR #2: THE CERTIFIED SOFTWARE DEVELOPMENT PROFESSIONAL (CSDP)**