



Ciclo de Coloquios 2016



El Departamento de Informática de la Universidad Técnica Federico Santa María invita a la comunidad Universitaria a un nuevo coloquio a realizarse el día **Martes 31 de Mayo a las 14:15 Hrs.** en la Sala de Reuniones del Departamento en el Campus San Joaquín. Como es costumbre, la charla se transmitirá por videoconferencia al Aula Tecnológica del Departamento en Casa Central (Valparaíso).

Título

From Silver Bullets to Philosopher' Stones: Who wants to be just an empiricist?

Expositor



*Prof. Guilherme Travassos
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Mini Bio

Prof. Guilherme H. Travassos holds a B.Sc. Eng. (Electrical Engineering, UFJF, 1985), a Master (1990) and D.Sc. (1994) in Systems Engineering and Computer Science (Software Engineering, COPPE/UFRJ). He carried out his Post-Doctorate at the University of Maryland-College Park along with the SEL/NASA (USA – 1998-2000). He is currently a Professor in the Systems Engineering and Computer Science Program (PESC) of COPPE/Federal University of Rio de Janeiro. Prof. Travassos is a CNPq 1D Researcher acting mainly in the area of Experimental Software Engineering. He is an Associated Editor of the *Information and Software Technology (IST) Journal* (Elsevier) and other important publication venues.

Resumen

The Experimental Software Engineering Group at COPPE/UFRJ promotes experimentation in the building of software technologies to the industry. However, just providing the software technology is not enough. It is necessary to present evidence regarding its feasibility and applicability to different development contexts. Without such evidence the technology use is risky. This talk discuss an approach concerned with the conception, construction and evaluation of software technologies based on evidence collected through secondary and primary studies. The aim is to strength the confidence by reducing empiricism and increasing experimentalism. Different types of studies (including quasi-systematic reviews, surveys, quasi-experiments, action research and so on) and decision points are presented to allow their evaluation and application by software engineering researchers. The arguments will be illustrated with concrete examples of technologies that have been developed by the ESE group following this approach.

Lugar y Fecha

Martes 31 de Mayo de 2016, 14:15

Sala de Reuniones, Departamento de Informática, Campus San Joaquín. UTFSM

Aula Tecnológica, Departamento de Informática, Casa Central, UTFSM (Video-conferencia)