



2004 International Advanced School of Empirical Software Engineering (IASESE 2004)

August 18, 2004 Redondo Beach CA, USA

www.isese.org/iasese.htm

Overview

The International Advanced School on Empirical Software Engineering (IASESE) provides an opportunity for researchers and graduate students to learn and practice empirical research techniques. This course will be of interest both to researchers who are interested in learning how to add empirical evaluation to their research and to researchers interested in deepening their knowledge and skills in empirical research. This daylong course will provide instruction on a variety of topics such as:

- 1) When & how to use empirical studies to best advantage
- 2) Types of empirical designs and their appropriateness for different research questions
- 3) How to augment studies with qualitative data analysis to get a richer understanding of phenomena
- 4) How to effectively conduct case studies in an industrial setting

A large portion of the time will be spent in hands-on sessions working with the topics covered during lectures. Participants are invited to submit (optional) study topics at registration, and will work together in groups throughout the day to design an empirical study on topics selected from those submissions.

Lectures

Professor Victor Basili, Computer Science Department, University of Maryland and Executive Director, Fraunhofer Center for Experimental Software Engineering and Dr. Forrest Shull, Fraunhofer Center for Experimental Software Engineering, College Park, MD

“Experimental Methods in Software Engineering”

Professor Ross Jeffery, University of New South Wales, Sydney, Australia
Dr. Jeff Carver, Computer Science Department, University of Maryland

“Using Qualitative Methods in Software Engineering”

Professor Laurie Williams, Computer Science Department, North Carolina State University

“Conducting Industrial Case Studies”

Registration: <http://www.isese.org/registration.htm>

For more information contact: Jeff Carver (carver@cs.umd.edu)

Cost: \$250 (Before July 26)
\$275 (After July 26)
\$100 (Full-time Students)

