



University of Pavia

Ph.D. School of Electrical and Electronics Engineering and Computer Science

SEMINAR

Best practice and design pattern for modern web application building: an architectural view

Giacomo Valli

Base 16

14 May 2013, h 11.00

Seminar Room (ex Dipartimento di Elettronica) – D Floor
Dipartimento di Ingegneria Industriale e dell'Informazione
Università di Pavia – Via Ferrata 3 - Pavia

Abstract: Design and development of Web Applications have constantly improved during the years alongside with new tools, languages and frameworks. Despite every development environment allows a programmer to start writing code out of some template-based design, an architectural approach is widely used and accepted, much more than a few years back. Topics such as SoC, dependency injection, MVC, mocking and TDD have become common patterns and practices for a web development team who wants to address either the full complexity of the activity and the risks involved in a software project: business requirements change faster than software releases and strong architectural principles, agile management techniques and high quality code are necessary to compete for a software engineer.

Biography: Giacomo Valli has been working in software development and IT consulting for over 10 years either in Italy and in the US. He served as senior developer and software architect in large, complex development projects, mostly within the financial services industry, delivering applications and services to some of the largest Italian and European financial institutions. He has been working with different technologies and infrastructure, mainly with widely-accepted, commercial, enterprise frameworks. He holds an engineering degree from the University of Pavia, a MSc in Private Equity from the school of management of the Politecnico di Milano and has attended an business management program at the Stanford University.

Ph.D. Coordinator

Prof. M. Calzarossa

Seminar in English.

For further information: mcc@unipv.it