10th Anniversary Celebration Event

Agile Project Management

Workshop: **Agile Project Management Using Scrum**

October 12, 2012 (Fri) Time : 9:00am - 5:30pm (8 PDU)

Seminar: **An Introduction to Agile Project Management**

October 13, 2012 (Sat) Time: 9:00am – 1:00pm (4 PDU)

"It is not the strongest of the species that survive, nor the most intelligent, but the ones most responsive to change."

Clarence Darrow

Our 10th anniversary celebration events bring you a series of project management seminars and workshops by distinguished speakers and PM experts. The first event "The Competent Project Managers" by Dr. Barry Hsiung was conducted in Jun with huge success and very positive feedbacks. We are pleased to bring you another event on a popular PM theme nowadays – The Agile Project Management method.

Our speaker, Dr. H.T. Chou, is the chief consultant of PSIG in Taiwan. He is a renowned project management trainer in Taiwan and China, with managers and technical professionals among his students from a wide range of blue-chip companies. He also teaches project management for several university EMBA program. Before turning to a professional PM trainer, he had more than 20+ experience in the technology and engineering sector.

Dr. Chou started teaching Agile and PMI-ACP programs a few years ago and is amongst the first in Taiwan to do so. His Agile courses have been well received by corporate and individual participants alike.

He has a Ph.D. degree in aeronautics and astronautics engineering from Stanford University, and is the author of 3 books, 14 papers, and 141 research papers.

** Note: Both the workshop and seminar will be conducted in English.

One-Day Workshop: Agile Project Management Using Scrum

Target Participants:	-	Project managers, software architects, programmers, testers, business analysts, and product managers.
	-	Those interested in seeking lighter project management methodologies to shorten time-to-market, to improve quality, and to increase customer satisfaction.

Course Format:	-	Lecture	55%
	-	Group exercises and simulation	45%

Course Objectives:

After completing this workshop, attendees will be able to:

- Know the Scrum framework and terminologies
- Know how to play the roles of ScrumMaster, product owner and team members
- Know how to hold release planning meeting, Sprint planning meeting, and daily Scrum
- Know how to perform Sprint review and Sprint Retrospective
- Deliver value to customer via release plan
- Manage product requirements via product backlog
- Set Sprint goals and manage Sprint scope via Sprint backlog
- Communicate accomplishments, plans, and impediments via daily Scrum
- Communicate the project progress through Sprint burndown
- Communicate the progress of value realization through release burndown
- Verify the Sprint scope through Sprint review
- Improve on process, people and technology through Sprint retrospective

Course Descriptions:

Since 1990 there are many agile methodologies developed by agile trailblazers. According to numerous surveys, scrum is the most popular and its efficacy has been proven by Google, IBM, Microsoft, Nokia, Primavera, and Yahoo, just to name a few; therefore this course will focus on managing agile projects using scrum.

Firstly, we introduce the Scrum framework, including Scrum teams, time-boxes, and Artifacts. Thereafter, the course follows the Scrum process–creating the product vision, convening a release planning meeting, holding a Sprint planning meeting, executing the Sprint, standing the daily Scrum, holding the Sprint review, and performing the Sprint retrospective. Short, time-boxed exercises will be scattered throughout these Scrum activities, from which participants will learn how the Scrum roles (ScrumMaster, product owner, and team members) interact one another to generate the Scrum Artifacts (product

backlog, release burndown, Sprint backlog, Sprint burndown) by using various team techniques. At the end of this course, there will be a longer group exercise simulating a Scrum project to tie together all the techniques learned. Let attendees have hand-on experiences on using Scrum.

Course Outlines:

Unit	Topic	Outlines
1	Introduction to Scrum Framework	• Process overview • Roles (GE #1) • Time-boxes • Artifacts
2	Product Vision Creation	• Product Vision Box (GE #2) • Elevator Statement (GE #3) • Product Road Map (GE #4)
3	Release Planning	• Product Backlog • User Stories (GE #5) • Size Estimation with Story Points • Planning Poker (GE #6) • Backlog Prioritization (GE #6) • Release Planning (GE #7)
4	Sprint Planning Meeting	• Sprint Goal Setting (GE #8) • Story Inclusion (GE #9) • Definition of Done • Sprint Backlog Development (GE #10)
5	A Scrum Day	• Task Board (GE #11) • Sprint Burndown • Daily Scrum Meeting • Team Structure • Team Work
6	Sprint Review Meeting	• Demonstration • Changes Solicitation • Product Backlog Update • Release Burndown Update
7	Sprint Retrospective	• Set the Stage • Gather Data • Generate Insights • Decide what to do • Close the Retrospective
8	An Agile Project Simulation Game	• Sprint Planning Meeting • Day 1 • Daily Scrum Meeting on Day 2 • Day 2 • Daily Scrum Meeting on Day 3 • Day 3 • Sprint Review • Sprint Retrospective

Note: GE - Group Exercise

Half-Day Seminar: An Introduction to Agile Project Management

Intended Audience:

Team management and team members (developers, testers, customer representatives) of teams under high pressure (time-to-market, changing requirements) and uncertainty

Objectives:

After completing this seminar, attendees will:

- Know the history and important events in agile development
- Have a basic knowledge (e.g. terminology, project lifecycle, etc.) about APM
- Know how to choose between APM and TPM for specific project environments
- Know what are the most popular agile techniques used in industry
- Pay attention to the leading causes of agile projects failure
- Understand the benefits obtained from implementing agile
- Know the greatest concerns about adopting agile and learn from others succeeding in adopting them

Summary:

Since the advent of the Internet the world is progressing at an astonishing pace. The market is changing in a breath. The opportunity is missing with hesitance. Under such a fast changing environment, only the agile ones can survive. Agility differentiates success from failure, and profit from loss. Agile project management (APM) is created in this context and its adoption is exponentially growing from software industry to other industries, from small interest group to international enterprises, from private companies to government agencies, and from US to the whole world. The paradigm of project management is shifting from document-driven to value-driven. That is, the success of project management is defined by how quick you can deliver value to your customer rather than how complete your project documents are.

At the beginning of this seminar the history and some of the most important historical documents about agile development will be briefly reviewed. After that the underlying principles and philosophies of APM, on which many agile methodologies were developed since 1990 will be covered. They will be compared from various aspects. We all know there is no silver bullet in project management. It's worth highlighting the sweet spots and constraints of both APM and traditional project management (TPM).

After providing the background information, the speaker will turn to discussing practical issues for those considering the adoption of APM: What are the agile techniques employed by most companies? What are the leading causes of failed agile projects? What are the benefits we can obtain from Implementing agile? What are the greatest concerns about adopting agile?

At the conclusion of this seminar, two cases about agile adoption will be presented. These two companies use very different approach to adopt agile, but all succeed. It will be very interesting to study them in detail.

Seminar Outline:

This seminar will cover the following important topics about APM:

- The agile Manifesto
- The declaration of interdependence
- The underlying principles and philosophies of APM
- Commonalities and differences between different agile methodologies
- Sweet spots and constraints of APM and TPM
- Agile Techniques Employed
- Leading Causes of Failed Agile Projects
- Benefits Obtained from Implementing Agile
- Greatest Concerns about Adopting Agile
- Case studies for Agile Adoption: Piecemeal vs. Big-bang approach

Instructor Bio:

Hsing-Tung Chou, Ph.D.

Highlights:

- Project management expert with extensive project experience in the technology and engineering sector;

- Renowned project management trainer in Taiwan and China, and part-time lecturer for EMBA programs at various universities;

- Started teaching Agile and PMI-ACP programs for several years and amongst the first training provider in Taiwan to do so; courses well received by corporate and individual participants alike;

- Ph.D. in aeronautics and astronautics engineering from Stanford University; Author of 3 books, 14 papers, and 141 research papers

Dr. Hsing-Tung Chou is the chief consultant of Project Solutions International Group (PSIG) Inc. at Taipei, Taiwan. He provided consulting services and training courses on project management for the following organizations:

- Construction: Continental Engineering Corp
- Financial Service: E.Sun Bank, NanShan Life, Polaris Financial Group, Chinatrust Commercial Bank
- Government: Armaments Bureau, Air Force Command Headquarters, Army Command Headquarters , Chung-Shan Institute of Science and Technology, Information Technology Centre of National Security Bureau, Civil Service Development Institute, Taipei City Market Administration Office
- IT: 104 ITC, Trend Micro, Microsoft Taiwan, Acer, Asus, A-Data, Data Systems, GemFor
- Manufacturing: Foxconn, Nutek, Ring Line, Shihlin Electric
- NPO: Corporate Synergy Development Centre, International Cooperation and Development Fund, Taiwan Construction Research Institute, National Project Management Association, Taiwan Electric and Electronic Manufacturers' Association
- Semiconductor Foundry: UMC
- Telecom: Taiwan Mobil, Taiwan Fixed Network

Prior to joining PSIG, Hsing-Tung was a senior engineer at Chung-Shan Institute of Science and Technology (CSIST) in Taiwan, where he worked 24 years on several large-scale system development programs. His working experience includes aerodynamic coefficients sensitivity analysis, digital simulation, inlet design, installed engine

performance calculation, flight test planning, post flight data analysis, cost-effectiveness analysis, system optimization, systems engineering, and program management.

He taught earned value management (EVM), integrated product and process development (IPPD), project management, risk management, systems engineering, and test & evaluation at National Defence University in Taiwan. Hsing-Tung has been teaching project management for the EMBA program at National Central University in Taiwan since 2003, International University of Monaco since 2006, and Stratford University since 2007, respectively.

Hsing-Tung earned his B.S. and M.S. in aeronautical engineering from Chung-Cheng Institute of Technology in Taiwan, and Ph.D. in aeronautics and astronautics engineering from Stanford University in U.S.A. He has authored three books, 14 papers, and 141 research reports.

He is a member of Institute of Navigation (ION), International Council on Systems Engineering (INCOSE) and Project Management Institute (PMI). He served the PMI Taiwan chapter as a vice president from 2004 to 2009.