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"INTRODUCTION TO PROJECT RISKS MANAGEMENT" - 1 DAY SEMINAR ABSTRACT

Andromeda is developing, since many years, its own original methodology in systems engineering, a discipline around which the interest is continuously growing up, even more at this time of generalized recessive crisis.

Andromeda promotes the Andromeda Systems Engineering international network, to provide consultancy, education and tools to support methodologies. Andromeda is also member of INCOSE (<http://www.incose.org/>), an international organization with nearly 70 chapters worldwide performing continuous monitoring of methodologies and supporting tools.

The general crisis started in 2010 raised big needs for innovation in all the business sectors. At the same time, the reduced financial resources suggests to entrepreneurs and managers to carefully assess the risks related to any project, and to setup plans of countermeasures, in order to mitigate the risks and also to catch the opportunities, that sometimes are embedded into some risks.

The risks management discipline originated in the first half of the Twentieth Century, in the field of insurances, with the aim of sheltering from the financial crisis. During years since '50s to '90s risk management focus expanded to environmental disasters and stock exchange cracks. During '90s the first methodology standards on risks management were born in Australia, then Canada and Japan. Since '90s to nowadays risk management progressively entered aerospace and defence, focusing on *project* risks, but also the corporate risks and the informatic risks. Several standards were written, by ESA, ISO, NASA, SEI, and others.

Risks management is now part of the *project management* and *systems engineering* processes, and is developed along the whole project lifecycle. Risks are mainly associated to requirements implementation. The risks mitigation plan owns its proper milestones and verification procedures.

The risks management process includes both financial and technical aspects, thus any education program should be directed to all the professional profiles who can contribute to the assessment of the risks (financial, logistic and technical) and to the countermeasures and mitigation.

Andromeda offers education, consultancy and tools appropriate to the challenges we are all facing with the currently ever-demanding workplace.

This seminar will provide to the attendees the basic concepts needed for start contributing to the risk management processes.

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**“INTRODUCTION TO PROJECT RISKS MANAGEMENT” - 1 DAY SEMINAR
PRODUCT DESCRIPTION**

Training title	“INTRODUCTION TO PROJECT RISKS MANAGEMENT”
Target audience	Project managers, designers, system analysts, test engineers, systems engineers, requirements managers , purchase managers, QA managers.
Background information on the training	The proposed risk management methodology is the best practice required for a lean and efficient project lifecycle management, based on relational full integrated database. Compliant with: ISO 31000; ISO/IEC 16085; ESA ECSS-M-ST-80C; Software Engineering Institute and Carnegie Mellon University NDIA 2009; PMI Project & Program Risk Management - A Guide To Manage Project Risks And Opportunities; ISPE GAMP.

OVERVIEW
MODULE 1
1.1 – THE RISK MANAGEMENT BASIC CONCEPTS: general risk events, vulnerabilities, risks, risks capture, risks assessment, risks mitigation planning, risks mitigation verification
<i>Tea/Coffee break</i>
1.2 – THE BENEFITS OF A MATURE RISK MANAGEMENT: improved earned value, avoid losses, improved resources management, improved efficiency, improved team responsibility
<i>Lunch break</i>
MODULE 2
2.1 – THE RISK MANAGEMENT STANDARDS AND TECHNIQUES: historical hints, overview of the most popular standards, techniques for risks capture, risks assessment, planning
<i>Tea/Coffee break</i>
2.2 – SOFTWARE TOOLS TO SUPPORT RISKS MANAGEMENT PROCESSES: synergy among the risks management processes and the project management and systems engineering processes, benefits of a fully integrated approach
<i>Adjourn</i>

Deliverables	USB key including the materials used during the seminar: slides, documents, test procedures and test reports, problems reports. A bonus for 10% discount on the purchase of any Andromeda System Engineering product or services during 3 months after the seminar.
Trainer's qualification	The lead trainer, Adriano V. Autino, holds more than 35 years experience in the field of systems design and development. He served as project manager , systems engineer and test engineer both in research and industry, including: Honeywell, Cap Gemini, Philips, AEG, Alenia Finmeccanica, CIRA, Intermarine Rodriquez, Galileo Avionica, ESA, EADS LV, Impregilo, Fiat, Comau, Daimler Chrysler. Since late 90's, with his company Andromeda s.r.l., he focused on essential and lean methodologies, supported by software tools, to improve the maturity and efficiency of the design processes. Detailed cv available, upon request. Please also see: http://www.linkedin.com/in/adrianoautino
Company profile	Andromeda Systems Engineering is an international entity, who creates a wide network of experienced and skilled trainers, with the mission to focus the system engineering standards of the Twenty First Century. Andromeda SE holds nodes in theUS, in Italy, in UK, in Poland. For a complete review of experiences, projects and products, please also see http://www.andromeda-srl.com/
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