

PA Management Course, 2d

Date: 2020

Venue:

The goal is to introduce the principles of formal **Product Assurance** in space projects, especially when developing space qualified instruments. The students will learn how to set up PA Management procedures and tools which are compatible with space technology PA and quality standards, such as the ESA ECSS-series. The organization of the PA activities is discussed, including effective risk/ PA management tools, documenting and practices. **Bring a scientific calculator with you.**

PA Management, Day 1.

8:15	<i>WELCOME, introduction to course program + coffee</i>
	1. OVERVIEW: PA Management in Space project
	2. PRODUCT ASSURANCE PLAN, PA-Requirements
	3. CONFIGURATION CONTROL equipment, documents
	- Exercises/ team work: Configuration control
16:30	4. NON-CONFORMANCE (NC) CONTROL
	- Exercise: Preliminary PA Plan
	5. COMPONENTS, MATERIALS and PROCESSES: Management
	- Summary of Day 1 and Discussion

PA Management, Day 2.

8:15	<i>WELCOME, introduction + coffee</i>
	1. RISK MANAGEMENT as part of PA
	- Exercise/ Team work: NC & NRB (Non-conformance Review Board)
	2. RELIABILITY MANAGEMENT, Reliability Analyses
	- Exercises/ Team work: FMECA Analysis
16:30	3. PA/QA in MAIT (Manufacturing, Assembly, Integration and Testing)
	- Exercises/ Team work: Manufacturing flow chart
	4. QUALIFICATION
	5. PA DOCUMENTATION, examples
	- Summary and Discussion

Contact/ Moderator: Mr. Antti Lyytikäinen, M.Sc., Senior Consultant, AL Safety Design - Reliability Academy.
tel: +358-400-800 022 or +358-9-884 3066, email: info@reliabilityacademy.fi

Price: _____ eur/ person. Included: Course materials. Cancellation: latest 2 weeks before, after that 50 % fee is charged.
A person may be substituted. If no cancellation, the whole fee charged.