

Registration

Web: toolqualification2013.eventbrite.com

Phone: +49(0)89-538 8669-0

E-mail: tqs-registration@validas.de

Registration price:

Complete Symposium: € 490,-

Single Day Participation: € 390,-

Early registration price with the code "early_registration" (until Dec. 15th, 2012):

20% discount on the registration price
All prices excluding 19% VAT

Cancellation

Until Dec. 15th, 2012: free

Until Mar. 1st, 2013: 20% of the registration price

After Mar. 1st, 2013: 50% of the registration price

Cancellation by e-mail only

20%
discount
until
Dec. 15th,
2012

Cancellation
by e-mail
only

Organisation

The symposium is organized by Validas AG, a leading provider of tool qualification services.

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E-mail: tqs@validas.de

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Event Location

Kempinski Hotel at Munich Airport

Hotel Recommendation

Kempinski Hotel Airport München

Terminalstraße Mitte 20, 85356 München

Phone: +49(0)89-978 20

www.kempinski.com/de/muenchen/hotel-airport

carathotel München

Lindwurmstr. 13, 80337 München

Phone: +49(0)89-23 03 80

www.carat-hotel-muenchen.de

Booking code: "Tool Qualification Symposium"

VALIDAS 

First Tool Qualification Symposium

April 9th-10th, 2013
in Munich

Tool Qualification

Functional safety of embedded systems depends on the tools being used for development. Therefore the functional safety standards (ISO 26262, DO-178, IEC 61508, ...) require tool qualification.

Tool qualification has to be considered, but the required qualification effort can be reduced by analyzing and eventually enhancing the development processes. Tool providers can sell qualification kits to create confidence in their tools, thereby improving the development process of embedded systems by eliminating the checks introduced to mitigate potential tool errors.

This symposium brings together both tool users and providers from different industrial sectors to share their knowledge and experience in tool qualification.

Content

Talks

Opening speech (Oscar Slotosch)

Keynote Speech: Frederic Pothon (ACG Solutions): Tool Qualification Considerations and Certification Credits of Qualified Code Generators in DO-Standards

Planned: NN (TÜV-Süd): ISO 26262 Certificates for Tools: Approach and Examples

Bonifaz Maag (KUGLER MAAG CIE): Tool Classification from a Tool Chain Perspective – Experiences

Bernard Dion (Esterel Technologies): The SCADE Qualification Kit

Karla Ducharme (IBM): Qualification Kits for Rational Tools

Sander de Smalen (ACE): SuperTest: Qualification and Certification of Compilers

Thomas Suchyta (Texas Instruments): Structure of the TI Compiler Qualification Kit

Daniel Kästner (AbsInt): Automatic Qualification of Abstract Interpretation-based Static Analysis Tools

Matteo Bordin, Robertus Vingerhoeds (P Project): Open Qualification Material Approach in the Project P

Thorsten Daniel, Dr. Jörg Barrho (MTU Friedrichshafen GmbH): Qualification of a Tool Chain within Nuclear Application and Tool Validation Management

Planned: NN (Airbus/Polarsys): Requirements of Airbus regarding to Tools Qualification and the Polarsys Approach

Planned: NN (Infineon): Tool-Chain Analysis and Tool Qualification according to ISO 26262

Jürgen Belz (Prometo): Experiences with ISO 26262 Tool Chain Classification from IT-Perspective

Planned: NN (Eclipse Automotive IWG): First Experiences with Model-based Tool Qualification in Eclipse



The actual agenda including links to further information can be found at the registration page <http://toolqualification2013.eventbrite.com>

Content

Tutorials

Tutorial 1: Oscar Slotosch (Validas AG) Modeling and Classifying Tools and Tool Chains

Tool Artifact Flows in Development Tool Chains and Processes

Determination of Tool Impact

Systematic Derivation of Potential Tool Errors

Error Mitigation Possibilities and Process Assumptions

Deriving the Required Tool Confidence

A Tool Chain Analyzer Tool

Tutorial 2: Oscar Slotosch (Validas AG) Tool Qualification

Operational Requirements of Tools derived from the Tool Chain Analysis

Tool Requirements

Deriving Test Strategies for Tools

Test Cases for Tool Requirements

Structure of a Tool Qualification Plan

Model-based Tool Qualification for Eclipse