VALIDAS

Registration

Web: toolqualification2014.eventbrite.com

Phone: +49 (0)89-538 86 69-0

E-mail: tqs-registration@validas.de

Registration price:

Complete Symposium:	€ 790,-
Single Day Participation:	€ 490,-

Cancellation

After Mar. 15th, 2014:	20% of the registration price
After Mar. 31st, 2014:	50% of the registration price

Cancellation by e-mail only

Organisation

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

Phone: +49 (0)89-538 86 69-0

E-mail: tqs@validas.de

Web: www.validas.de

Event Location

Gaszählerwerkstatt
Agnes-Pockels-Bogen 6
80992 München

Hotel Recommendation

Booking code: TQS-2014

Hotel Europa**
Dachauer Straße 115 , 80335 München
Phone: +49 (0)89 - 542 42 - 0
www.hotel-europa.de/en

BEST WESTERN ApartHotel München
Dachauer Straße 199, 80637 München
Phone: +49 (0)89 - 15 92 57 - 0
www.aparthotel-muenchen.de

carathotel München
Lindwurmstr. 13, 80337 München
Phone: +49 (0)89 - 23 03 80
www.carat-hotel-muenchen.de/en

Second
Tool
Qualification
Symposium

April 9th-10th, 2014
in Munich

New! Exhibition

Tool Qualification

Tool classification and qualification creates confidence into the usage of tools that are used for development of safety critical systems. Therefore the functional safety standards (ISO 26262, DO-178, IEC 61508, EN 50128) require classification and qualification of the development tools in safety relevant projects.

Various methods can be applied to create the required confidence into tools. Restriction of tool input and verification of output are possible process extensions that reduce the confidence requirements. Testing the used functionality for the absence of potential undetected errors is a frequently used method to provide the required confidence, qualification kits being available for many tools.

The first Tool Qualification Symposium in 2013 has brought together over 70 tool users and tool providers from different industrial sectors. The second tool qualification symposium will be open for presentations and tool qualification exhibitions.

Wednesday, April 9th, 2014

Opening

09:30   Registration

10:00   Welcome: Dr. O. Slotosch (Validas)

Tutorials & Exhibition

10:15   Dr. D. Seider (Validas):
Model-based Tool Classification

11:00   Coffee break & Exhibition

11:30   Dr. M. Wildmoser (Validas):
Model-based Tool Qualification

12:15   Exhibitors Presentations

12:45   Lunch break & Exhibition

Case Studies & Experiences

14:15   F. Pothon (ACG-Solutions): Development and
Qualification of a Tool Chain for Helicopter
Configuration

14:45   T. Wengler, N. Köhler (BMW):
Qualification of the BMW Code Generator

15:15   Dr. G. Corradi (Xilinx): Qualification of a Tool
Chain for FPGA Development

15:45   Coffee break & Exhibition

16:15   T. Heimer (Carmeq), A. Osterloh (Validas):
Variant Handling in Tool Chain Analysis

16:45   Discussion with the speakers

17:00   Keynote Speech: M. Bordin (Adacore):
The Economics of Tool Qualification

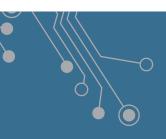## Social Event

19:30   Dinner at the Hofbräuhaus

Conference Dinner at the Hofbräuhaus München

Program committee: Dr. Jürgen Klarmann, Frederic Pothon,
Dr. Oscar Slotosch. Agenda with abstracts:
www.validas.de/TQS/2014/program.html

Thursday, April 10th, 2014

Opening

08:00   Registration

08:30   Panel Discussion: „Why Do Standards Require
Tool Qualification and Software Testing?"

Qualified Tools

09:00   Invited Talk: R. Grönberg (PikeTec):
TPT – Qualification Kit

09:30   K. Ducharme (IBM Rational): IBM Rational
Tool Qualification Kits

10:00   G. Miller (Texas Instruments): SafeTI™
Compiler Qualification Kit latest
Developments and Application Results

10:30   Coffee break & Exhibition

11:00   D. Owens (ARM): Toolchain Qualification
– A pragmatic Approach

11:30   Discussion with the speakers

Method & Process

11:45   Dr. U. Brockmeyer (BTC Embedded Systems):
Leveraging Tool Pre-Qualification in the
Contex of DO-178C and DO-330

12:15   Dr. J. Wolf (TÜV SÜD): Automotive SPICE and
TÜV SÜD „Fit-for-purpose" Certificate

12:45   Lunch break & Exhibition

14:15   J. Philipps (Validas): Unified Formalism
for Tool Classification

14:45   Dr. R. Zalman (Infineon): Tool Qualification of
AUTOSAR Tools? – Methods for Qualifying
Configurable Software

15:15   Coffee break & Exhibition

15:45   G. Chandrasekaran (Bosch):
Tool Qualification Kit Development Process
on the Example of Excel

16:15   Invited Talk: A. Dieumegard (IRIT/ENSEEIHT):
Experiences of Using Formal Methods
for Tool Qualification

16:45   Discussion with the speakers

Closing

17:00   Farewell: Dr. O. Slotosch (Validas)