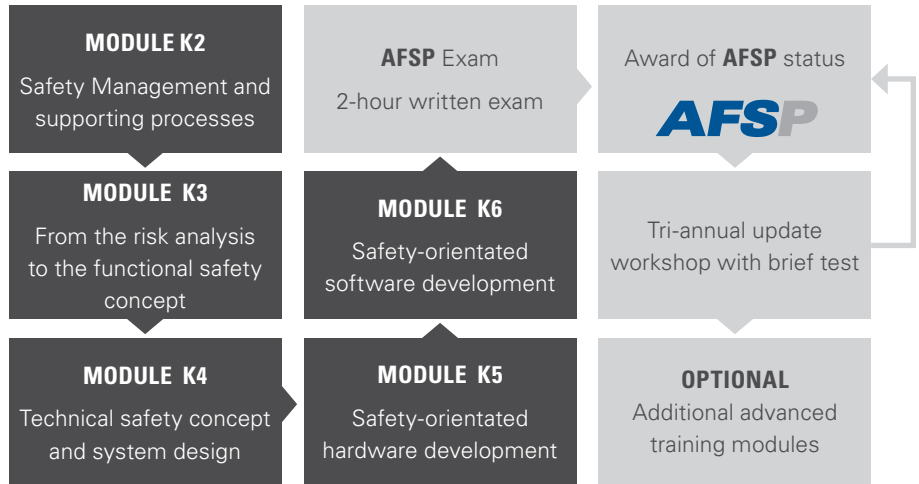


# FUNCTIONAL SAFETY TRAINING

## ISO 26262

24<sup>TH</sup> – 28<sup>TH</sup> JUNE 2013 IN DETROIT, MI, USA



### THE ISO 26262 FUNCTIONAL SAFETY STANDARD

The ISO 26262 is an international standard which is mandatory for ALL automotive OEMs and their global Suppliers. In this in-depth 5-day training you will learn about your legal responsibilities, the safety processes and how you can comply with the requirements of ISO 26262.

### EXPERIENCED TRAINERS

SGS-TÜV Saar is a company of the SGS Group and TÜV Saarland e.V. that supports you in all matters relating to Functional Safety. As an accredited services provider, we are active in the areas of training, consulting, safety analysis, testing and certification.

The years of experience of our experts in the field of Functional Safety have been incorporated into our training program, which reflects all current developments in the field of Functional Safety.

### PERSONAL QUALIFICATION PROGRAM

ISO 26262 demands that only experts may assess or manage Functional Safety. We will qualify you for working with Functional Safety in five days.

SGS-TÜV Saar has developed the "AFSP" qualification program for this purpose. After successful completion of this training you will receive the SGS-TÜV Saar seal confirming that you are an Automotive Functional Safety Professional: the ideal way to demonstrate to your customers your competence for working on functional safety projects.

Your AFSP qualification is valid for three years. By attending an update workshop you can extend the qualification by another three years, provided you have successfully passed the test at the end of the workshop. In justified exceptional cases (illness etc.) the Testing Commission may confirm your qualification without your attendance of the update workshop.

### MODULAR TRAINING

The ISO 26262 training course is modular. You can register for a single module or any combination of modules. To be eligible for the AFSP exam, you must attend all training modules (K2 to K6) within a 12 month period. For more details about the modules please see overleaf.

### TRAINING LOCATION

This ISO 26262 training will be held at The Inn at St. John's, 44045 Five Mile Rd, Plymouth MI 48170.

The training begins at 9am on Monday 24<sup>th</sup> June 2013. We guarantee to finish after the AFSP exam by 5pm on Friday 28<sup>th</sup> June 2013.

We have negotiated a special room rate of 145 USD per night for participants who wish to stay overnight.

For more information about the training location, please visit:

[www.stjohnsgolfconference.com](http://www.stjohnsgolfconference.com)

## MODULE K2

### SAFETY MANAGEMENT AND SUPPORTING PROCESSES

The ISO 26262 standard describes management of Functional Safety as the essential basis for the development of safety-relevant electronics in motor vehicles. In an illustrative way, this training module demonstrates the aspects to be considered when introducing an FSM system and the tasks faced by both the responsible safety managers at the quality level and the safety managers at the project level.

<b>DURATION</b>	1 day
<b>TARGET GROUP</b>	Safety managers, project managers, quality manager

## MODULE K3

### FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT

The agenda for Functional Safety is already set during concept development at vehicle level. This module addresses vehicle manufacturers as well as suppliers who need to know how safety objectives are defined and how functional safety requirements are derived. The current interpretation of the standard is presented and discussed in practical exercises.

<b>DURATION</b>	1 day
<b>TARGET GROUP</b>	Safety managers, project managers, function developers

## MODULE K4

### TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN

This module addresses the technical safety concept and the design of a system and its sub-systems. In addition, issues relating to interface definition between the OEM and the supplier(s) are addressed. The module includes the application of safety analysis methods such as FTA in the design process. Understanding of the necessary activities is intensified in practical exercises.

<b>DURATION</b>	1 day
<b>TARGET GROUP</b>	Safety managers, system developers, hardware and software developers

## MODULE K5

### SAFETY-ORIENTATED HARDWARE DEVELOPMENT

ISO 26262 defines a specific approach to hardware design and safety analysis. There are various options available to satisfy the requirements. The advantages and disadvantages of these options are discussed in this module. The practical exercises include performing an FMEDA, with step-by-step explanation.

<b>DURATION</b>	1 day
<b>TARGET GROUP</b>	Safety managers, hardware developers

## MODULE K6

### SAFETY-ORIENTATED SOFTWARE DEVELOPMENT

Beyond the demands of previously existing quality standards (SPICE, CMMI) ISO 26262 establishes further requirements focused on "Functional Safety". This training module presents in an illustrative manner the additional demands made on software development and their practical implementation.

<b>DURATION</b>	1 day
<b>TARGET GROUP</b>	Safety managers, software developers

## AFSP EXAM

### AUTOMOTIVE FUNCTIONAL SAFETY PROFESSIONAL

The written exam consists of both multiple-choice and essay-style questions.

Following successful completion of the exam you will be awarded the "AUTOMOTIVE FUNCTIONAL SAFETY PROFESSIONAL" personal qualification.

<b>DURATION</b>	2 hours
<b>TARGET GROUP</b>	Safety managers

## ENQUIRIES RELATING TO FUNCTIONAL SAFETY

For all enquiries relating to functional safety, ISO 26262 and the content of our trainings, please contact:

GLOBAL COMPETENCE CENTER  
FUNCTIONAL SAFETY

SGS-TÜV Saar GmbH  
Hofmannstrasse 50  
D-81379 Munich, Germany  
t +49 89 787475 - 280  
f +49 89 787475 - 217

[fs@sgs.com](mailto:fs@sgs.com)

[www.sgs-tuev-saar.com/fs](http://www.sgs-tuev-saar.com/fs)



This training is being promoted by Method Park in cooperation with SGS.

## ADMINISTRATIVE ENQUIRIES

To register for this training or for any enquiries relating to payment, please contact:

METHOD PARK AMERICA  
39555 Orchard Hill Place  
Suite 600

Novi, MI 48375  
t +1 248 605 1419  
f +1 248 630 2611

[tom.southworth@methodpark.com](mailto:tom.southworth@methodpark.com)

**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY. AS A JOINT VENTURE OF SGS AND TÜV SAARLAND E. V., SGS-TÜV SAAR ENSURES THE RELIABILITY AND QUALITY OF PROCESSES, PRODUCTS AND TECHNICAL SERVICES.**

WHEN YOU NEED TO BE SURE

**SGS**

# REGISTRATION ISO 26262 TRAINING

**FAX TO +1 248 630 2611 OR E-MAIL TO FS@SGS.COM**  
**ISO 26262 TRAINING IN DETROIT, USA**

<b>5-DAY ISO 26262 TRAINING</b> 24 <sup>th</sup> – 28 <sup>th</sup> June 2013 <input type="checkbox"/> I would like to register for all modules and for the AFSP exam.	<b>STANDARD PRICE</b> \$ 4335.00 USD	<b>EARLY-BIRD PRICE</b> For bookings received by 7 <sup>th</sup> May 2013: \$ 3990.00 USD
<b>ISO 26262 MODULES</b> I would like to register for only the following modules <input type="checkbox"/> K2 – SAFETY MANAGEMENT AND SUPPORTING PROCESSES 24 <sup>th</sup> June 2013 <input type="checkbox"/> K3 – FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT 25 <sup>th</sup> June 2013	<b>MODULE PRICE</b> \$ 880.00 USD x _____ Module Total = \$ _____ .00 USD	<b>EARLY-BIRD MODULE PRICE</b> For bookings received by 7 <sup>th</sup> May 2013: \$ 811.00 USD x _____ Module Total = \$ _____ .00 USD
<input type="checkbox"/> K4 – TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN 26 <sup>th</sup> June 2013 <input type="checkbox"/> K5 – SAFETY-ORIENTATED HARDWARE DEVELOPMENT 27 <sup>th</sup> June 2013 <input type="checkbox"/> K6 – SAFETY-ORIENTATED SOFTWARE DEVELOPMENT 28 <sup>th</sup> June 2013	<input type="checkbox"/> I would like to pay for the training by credit card <small>Credit Card Payments will be processed by Method Park America Inc., 39555 Orchard Hill Place, Suite 600, Novi, MI 48375</small> <input type="checkbox"/> Please invoice the training. Purchase Order No.: _____	

_____	_____	_____
Mr / Mrs / Ms / Academic Title	First Name	Last Name
_____	_____	_____
Company	Department	Job Title
_____	_____	_____
*Street	City/Town	ZIP Code
_____	_____	_____
E-Mail	Telephone	Fax

\*Please advise us if you require a different billing address.

I hereby register bindingly for the chosen training modules. The training fee includes training materials and catering. Acceptance of the booking is subject to availability and will be confirmed in writing. I have read and accept the General Terms and Conditions.

_____	_____
Signature	Date

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