

全国汽车标准化技术委员会文件

汽标秘字(2013)17号

关于召开“第二届道路车辆功能安全标准及应用国际研讨会”的预通知

各相关单位：

近年来，随着汽车工业发展的突飞猛进，现代化的电子电气技术在汽车控制领域的日益广泛应用极大地提升了汽车产品的安全、节能和环保等各项指标。同时，车辆上与安全相关的电子电气产品的质量和安全问题受到政府、企业、公众乃至全社会的广泛关注。电子电气产品在安全设计上的缺陷给驾乘人员及行人的生命安全带来了极大的隐患，频发的召回事件给企业造成了巨额的经济损失。如何提高汽车电子电气产品的功能安全已成为汽车行业面临的重要课题。旨在提高道路车辆功能安全的国际标准 ISO 26262 于 2011 年底正式颁布，受到了国内外企业的广泛关注。2012 年 8 月，国家标准化管理委员会正式下达了推荐性国家标准《道路车辆 功能安全》制定计划（标准计划编号：20120223-T-339），全国汽车标准化技术委员会现已积极全面开展《道路车辆 功能安全》国家标准的研究和制定工作。

为使企业及时了解该标准的技术内容及国内外行业发展趋势，包括产品在生命周期内汽车安全完整性等级的要求，预先评估潜在的危害和风险，采取科学的方法降低风险，借鉴国内外的成功经验，分享业内成熟的产品设计开发经验，加强在国际标准领域的交流合作，提高汽车行业产品的整体质量水平，全国汽车标准化技术委员会秘书处初步定于 2013 年 9 月 24 日-26 日在上海召开“第二届道路车辆功能安全标准及应用国际研讨会”。

会议将邀请国家标准委和工信部等政府相关部门、国内外知名企业、研究机构及专家针对道路车辆功能安全标准及技术应用开展研讨，并对国家标准的研究和制定工作进

行交流。

本次会议以“道路车辆功能安全标准、整车和系统分析、设计、测试和评估”为主题，围绕如下议题展开：

- 推荐性国家标准《道路车辆 功能安全》制定情况及国际动态；
- 功能安全管理和功能安全开发流程要求；
- 整车企业对零部件企业的功能安全要求；
- 整车级电控系统功能安全的危害分析和风险评估、ASIL 等级定义；
- 系统设计要求和系统集成、测试方法；
- 硬件开发的功能安全要求和测试要求；
- 软件开发的功能安全要求和测试要求；
- 传统汽车安全相关电子电气产品开发的功能安全标准导入；
- 新能源汽车安全相关电子电气产品开发的功能安全标准导入。

有意参会或进行技术交流的单位及专家，请填写参会意向回执，并请于 2013 年 6 月 30 日前将信息反馈至全国汽车标准化技术委员会秘书处。正式通知将于 7 月初发出，并在全国汽车标准化技术委员会网站（www.catarc.org.cn）上公布。

会议联系人：

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附件：第二届道路车辆功能安全标准及应用国际研讨会参会意向回执

全国汽车标准化技术委员会秘书处



二〇一三年五月八日

Notification of the 2nd International Symposium on Road Vehicles - Functional Safety Standards and Its Application

To whom it may concern,

Lately as the rapid development of automotive industry, modern electrical and electronic systems are widely applied in the field of road vehicles and thus enhanced the performance of automotive products as safety, energy saving and environmental protection. Meanwhile, the quality and safety of the on-board electrical and electronic products relevant to vehicle safety is arousing extensive attention from the government, companies, people and even the whole society. The safety design defects of the electrical and electronic products will cause great potential hazards to the driver, passenger and the pedestrian while the auto enterprises have suffered huge economic loss due to the frequent recalls. The ISO 26262 aiming at raising the functional safety of road vehicle was formally issued at the end of 2011 and has obtained wide attention from domestic and foreign corporations. In August 2012, SAC officially issued the formulation project for the recommendatory national standard **Road Vehicle Functional Safety** (Standard Project Serial No.: 20120223-T-339) and NTCAS (National Technical Committee of Auto Standardization) has already launched work of research and formulation for this national standard.

For helping the enterprises to fully understand the technical contents and the industrial development tendency home and abroad of this standard including the requirements of automotive safety integrity level (ASIL) during the safety lifecycle of electrical and electronic systems, evaluating the potential hazards and assess the risks in advance, reducing the risk through scientific measures, learning the successful experience from home and abroad, improving the quality level of the automotive products and strengthening the exchange and collaboration with the international standard organization, NTCAS has decided to hold the "The 2nd International Symposium on Road Vehicles - Functional Safety Standards and Its Application "in Shanghai from September 24 to 26, 2013.

This symposium will invite the representatives and experts from relevant departments of SAC, MIIT etc., renowned domestic and multinational enterprises and research institutes to have discussion on the standards and technology application and further communication about the research and formulating of national standards in the future. This symposium will be themed on “Functional safety standards of road vehicles, whole vehicle and systems analysis, design, testing and evaluation” and the following are the topics:

- Status of the recommendatory national standard **Road Vehicle Functional Safety** and the latest international updates;
- Functional safety management and the requirements of the functional safety development process;
- Whole vehicle companies’ requirements of functional safety upon suppliers;
- Hazard analysis and risk assessment of whole vehicle level electric control system functional safety and the definition of ASIL;
- System design requirements, system integration and testing methods;
- Functional safety requirements and testing requirements of hardware development;
- Functional safety requirements and testing requirements of software development;
- Guiding the functional safety standards relevant to conventional automotive safety into the electrical and electronic product R&D;
- Guiding the functional safety standards relevant to new energy vehicle safety into the electrical and electronic product R&D.

If you wish to participate in the symposium, please fill in the application form and submit it to NTCAS Secretariat by June 30, 2013. The official notification will be issued and published on the website of NTCAS (www.catarc.org.cn) at the beginning of this July.

Contact way

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Attachment: Application form for participating in the 2nd International Symposium on Road Vehicles - Functional Safety Standards and its Application

National Technical Committee of Auto Standardization

May 8, 2013