embeddedworldChina
Exhibition&Conference

2025上海国际嵌入式大会

2025.6.11–13 · 上海世博展览馆3号馆

embedded world China 2025

June 11–13, 2025 · Hall 3, SWEECC, Shanghai

connecting the embedded community

CiA特色活动专区
CiA Special Events Area

关于CiA About CiA

CiA（CAN in Automation）协会成立于1992年，是在Erlangen(德国)注册的非营利组织——CiA是 CAN（控制器局域网）的国际用户和制造商组织，其目的是提供标准化的技术、产品和服务，提升CAN的形象及为CAN协议的未来发展提供途径。CiA成员制定了包括物理层定义及应用层和设备规范描述等各种标准，并由CiA统一发布作为CiA规范。成立至今，已有773家公司加入CiA。CiA 成员开发并发布 CiA 规范，涵盖所有开放系统互连 (OSI)层和不同领域的应用。此外，CiA 成员还在不同市场共同推广 CAN 技术。这些市场包括公路车辆、非公路和非公路车辆、工业自动化、医疗设备、轨道车辆、海事电子、楼宇自动化、发电和配电等。

CAN in Automation (CiA) is the international users' and manufacturers' group for CAN (Controller Area Network), internationally standardized in the ISO 11898 series. In 1992, the nonprofit association has been established. The aim is to provide an unbiased platform for future CAN-related specifications and standards. Currently, 773 members have joined CiA. CiA members develop and publish CiA specifications, which covers all Open Systems Interconnection (OSI) layers and applications in different domains. CiA representatives support actively the international standardization of CAN-related topics. CiA members promote jointly CAN technology in different markets. This includes road vehicles, off-road and off-highway vehicles, industrial automation, medical devices, rail vehicles, maritime electronics, building automation, power generation and distribution etc.

特色展区规划 CiA Special Events

CiA将在ewCN 2025展会现场精彩呈现并深入概述关于CAN新技术的最新趋势。

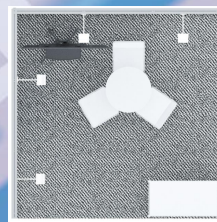同时，ewCN特别为CiA会员设立了专属展位，采用统一的搭建风格，全方位展现CiA会员企业实力与风采。

此外，将安排专业媒体对CiA的活动进行专门报道——通过长周期、多角度、全方位的报道，将CiA及其会员企业在ewCN 2025上的精彩瞬间和前沿技术传递给更多关注者，进一步扩大其影响力。（每位参与此块区域的会员都将获得主办方的特别推送，如微信推送、EDM合集、短信群发等）。

每家参展会员企业可获得大会门票两张。

- CiA will be presenting an in-depth overview of the latest trends in CAN technology at ewCN 2025.
- ewCN has set up an exclusive stand for CiA members, using a unified design style to showcase the strength and style of CiA member companies in all aspects.
- Specialist media will be brought in to cover CiA's activities – through long, multi-angle and all-round coverage, the exciting moments and cutting-edge technologies of CiA and its member companies at ewCN 2025 will be brought to a wider audience, further increasing its influence. e.g., Each member could have special promotion via ewCN wechat. CiA Special Events will have EDM , SMS promotion (including members' names and logos etc.
- Two tickets to the conference for each exhibiting member company.

展位示意图　Booth Diagram

问询桌 1张(1米高)
白折椅x3把
长臂射灯x4
5A 插座x1(限用500W)
白圆桌x1
垃圾桶x1

- 1x information counter(1m high),3000mm
- 3x white folding chair
- 4x long arm spotlight
- 1x 5A socket(Max.500W)
- 1x white round table
- 1x wastepaper basket

征文要求及入选标准 Special Call for paper for CiA

ewCN Conference将与CiA密切合作，就CAN技术进行论文征集→**点击链接投稿**。

CiA 将在ewCN 2025现场呈现/概述关于CAN新技术的趋势，具体在以下方向：

- 数据链路层：实现和系统使用方面
- 物理层：网络设计建议，包括布线和EMC（电磁兼容性）影响更高层协议：实现以及设备和系统设计概念（例如CANopen或SAE J1939）
- 配置文件：标准化配置文件规范示例
- 应用：不同行业的专用应用
- 测试和诊断：一致性和互操作性测试以及诊断协议
- 附加功能：网络安全、功能安全、高可用性（冗余）等协议扩展。

ewCN Conference will be working closely with CiA on a call for papers on CAN technology. Click on the link to submit a paper.

The CAN technology session topics are intended to provide an overview of new technology trends. The special topics will include:

- Data link layer: Implementation and system usage aspects
- Physical layer: Network design recommendations including cabling and EMC (electromagnetic compatibility) impacts
- Higher-layer protocols: Implementation as well as device and system design concepts (e.g. for CANopen or SAE J1939)
- Profiles: Examples of standardized profile specifications
- Applications: dedicated applications in different industries
- Testing and diagnostics: Conformance and interoperability testing as well as diagnostic protocols
- Add-on functions: Protocol extensions for cybersecurity, functional safety, high-availability (redundancy), etc.

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