CAN Newsletter Online

CiA SEMINARS LEFT IN 2021

Discussing CAN and CANopen including CAN FD and CANopen FD

In the last month' of 2021, CAN in Automation (CiA) again offers a range of CAN and CANopen seminars. The CANopen seminar for newcomers is even planned as an on-site event while the rest of them take place online.

CiA has scheduled six seminars for the last month' of 2021 (Source: Adobe Stock)

CAN in Automation (CiA) has scheduled six seminars for the last month' of 2021. Besides four online seminars (two CAN, two CANopen), one of them (CANopen for newcomers) is scheduled as an on-site event. The online seminars provide in a compact way the contents of the on-site seminars. The CAN seminars take place on September 14 (online), October 5 (online), and November 3 (online), 2021. The CANopen ones on September 15 (online), October 6 (on-site in Nuremberg), and November 4 (online), 2021. On its website, the company provides an overview with details.

The seminars, held in German or English language, discuss Classical CAN and classic CANopen in depth, including CAN FD and CANopen FD, explained CiA. Additionally, an outlook to CAN XL is provided.

In CiA's CAN seminars, attendees learn the CAN principles, the differences between Classical CAN and CAN FD, which possibilities CAN communication offers, and in which markets CAN is used. The seminar explains CAN as it is specified in ISO 11898-1:2015. This comprises the Classical CAN, the CAN FD protocol, as well as the CAN/CAN FD physical layer standards. A Q&A session on the agenda concludes this seminar.

By attending a CANopen seminar, participants learn the basic principles of classic CANopen, as specified in CiA 301. Furthermore, CANopen additional application layer functions as well as the basic principles of CANopen device and application profiles are introduced. Finally, attendees get an insight to the CANopen FD protocol, according to CiA 1301. The seminar enables to select the right CANopen device for individual applications, to integrate devices in a proper control application, or to design the intended CANopen device behavior. Furthermore, attendees are enabled to assess the possibilities and effort for introducing CANopen FD in their projects. Other topics on the agenda are CANopen lower layers, CANopen device architecture, CANopen protocols, CANopen profiles, as well as the future of classic CANopen/CANopen FD.

According to CiA, the intended audience for the seminars are system integrators, development engineers, and technical decision-makers.

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