

Dear Madam, dear Sir,

Welcome to the next issue of the Symtavision newsletter in which we inform you about current news and events on scheduling analysis and optimization for reliable integration in real-time systems incl. ECUs, buses, and networks. Further information on Symtavision can be found at www.symtavision.com

Best regards,

Your Symtavision Team

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Call for Participation: 1st SymTA/S NewsConference on September 18

The world of Scheduling Analysis is evolving fast and communication among all parties involved is the key to success. We invite you to attend this new communication platform for users and developers of SymTA/S as well as everybody interested in this subject to discuss recent projects and future applications, learn about the upcoming SymTA/S releases and have fun.

In change of the original agenda, the casual get-together will start on September 17 at 7pm in the old vaulted cellar of the Hotel Magnitor in the historic center of Braunschweig.

Please register before September 7.

If you would like to attend, please visit

<http://www.symtavision.com/newsconference.html>

or send email to

mailto:info@symtavision.com?subject=NC_Registration

SymTA/S Training on September 19-21, 2007

This training event from September 19th through 21st in Braunschweig is already the sixth such event, since we started offering SymTA/S trainings in March 2007. As with all our trainings, half of the time we will be teaching the technology background and how to work with SymTA/S, while the remaining time is used to develop individual models. A 4-week evaluation period of SymTA/S and all necessary modules are part of the course fee.

If interested, please contact <mailto:info@symtavision.com>.

More upcoming events:

- VDI Congress "Elektronik im Kfz 2007", October 10-11, 2007 in Baden-Baden, Germany, on the EDAG booth, <http://www.vdi.de/Fahrzeugelektronik2007>
- FlexRay Product Day, November 29, 2007 in Fellbach near Stuttgart, Germany, http://www.hanser.de/seminare/index.asp?task=065&kat=001&xid=&fz_id=2521814468-81

Complete list: <http://www.symtavision.com/events.html>

Application Example: Dynamic Communication on CAN Buses

Event-triggered frames disturb cyclic CAN schedules in dynamic domains such as body and comfort electronics. The dynamic load is inherently non-deterministic, challenging CAN analysis and complicating CAN design, where frames must meet deadlines and jitters must be in an acceptable range.

SymTA/S determines the static and dynamic CAN bus performance in various situations. The possibility to perform "what-if" analyses quickly, in combination with efficient dynamic load models, let SymTA/S users compare key timing parameters of frames in several dynamic load situations. SymTA/S users can safeguard and optimize CAN timing also in the presence of triggered or mixed frames.

http://www.symtavision.com/downloads/AN_Mastering_Dynamics_on_CAN_Buses.pdf

Symtavision partners in European project TIMMO

The main goal of TIMMO is a common infrastructure for dealing with timing constraints and budgets during the development of complex, networked automotive embedded systems. TIMMO addresses all development phases and all levels of abstraction in order to improve development speed and increase predictability. TIMMO partners are automotive OEMs, tier-1 suppliers, tool vendors and universities.

<http://c-lab.de/en/research-projects/timmo/index.html>

New Symtavision Website Online

We have significantly reworked and expanded our website. The improved structure helps our visitors find the information they seek faster. We have added and updated a lot of information on application areas and best practices for scheduling analysis, and how Symtavision serves these needs. There is also a new FAQ section, and a lot of additional background information. Please let us know what you think

<http://www.symtavision.com>