SYMTA VISION
Newsletter – July 2009

Dear Madam, dear Sir,

Welcome to the latest issue of our Symtavision newsletter in which we inform you about current news and events on scheduling analysis, verification and optimization for reliable real-time systems design and integration for ECUs, networks, and whole embedded architectures. Further information on Symtavision can be found at <http://www.symtavision.com>.

Your Symtavision Team

In This Issue

Release of SymTA/S 2.0 – SymTA/S goes Eclipse

The new SymTA/S release 2.0 is fully based on the Eclipse technology with significant user benefits:

- Fully user-configurable GUI
- Standardized tree and table views
- New system topology graph
- Easy exchange of data with Excel™
- Fast analysis of selected model elements
- Efficient handling of large projects
- Easy integration with other tools

SymTA/S 2.0 is available for CAN as of today. OSEK, FlexRay and other products will follow shortly.

For a demonstration, visit us on July 15-16, Fachkongress Automobil-Elektronik, or at any other upcoming event.

More info: <http://www.symtavision.com/symtas.html>

3rd SymTA/S NewsConference September 30 - October 1 2009

Timing Analysis has become an important tool to manage the integration complexity of electronic systems, to reduce cost, increase reliability and guarantee functional safety. This event provides a unique opportunity for the exchange of ideas among users, technology experts and researchers in the field of real-time system development.

This year's highlights include:

- Presentations by **Bosch, Continental, EADS, FIAT, GM, TU-Braunschweig, and TÜV Süd**
- Exhibition including **AbsInt, Aquintos, ETAS, Gliwa, Rapita, Symtavision**
- Pre-conference evening event with **dinner speech by Dr. Thomas Scharnhorst**

We invite you to discuss and share with us your questions, experiences, and requirements. More information: <http://www.symtavision.com/newsconference2009.html>

SymTA/S used for evaluating next-generation EE Architectures

The use of SymTA/S at DAIMLER for the evaluation of timing and resource requirements of future EE architectures is described in an article published by ATZ Elektronik. The required data and tool-chains are presented using first-hand examples. To read more, visit:

<http://www.symtavision.com/magazines.html#c715>

Symtavision develops ARINC 653 timing analysis

Based on requirements from AIRBUS, Thales, and others, Symtavision has developed a timing analysis prototype for the ARINC 653 partitioned operating system, a standard widely used in the aerospace industry. Symtavision is also leveraging automotive know-how to develop analyses of mixed time-triggered / event-triggered aerospace networks, including AFDX, CAN and TTP, as well as interfaces to major avionics tool-chains including AbsInt, Esterel, SYSGO, and TTTech. This work is performed in the EU-funded (FP7) INTERESTED project. More information:

<http://www.symtavision.com/symtas-non-automotive.html>

FlexRay Product Day and further upcoming events

- July 15-16, **Internatonaler Fachkongress Automobil-Elektronik**, Ludwigsburg, Germany, <http://www.elektronik-tagung.de/>
- September 30 – October 1: **3rd SymTA/S News Conference**, Braunschweig, Germany <http://www.symtavision.com/newsconference2009.html>
- October 07-08, **VDI Congress "Elektronik im Kfz 2009"**, Baden-Baden, Germany <http://www.elektronik-auto.de/>
- November 18, **FlexRay Product Day**, Fellbach, Germany <http://www.hanser-tagungen.de/flexray>

More info: <http://www.symtavision.com/events.html>

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