MES Summer School: A 5-Day Guide to proficiency in Model-based Development of Embedded Systems

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MES will host its first Summer School on model-based development from June 12 – 16, 2017 in Berlin/Potsdam (Germany).

The MES Summer School on Introduction to Model-based Software Development is a five-day training workshop held by software company Model Engineering Solutions (MES). The Berlin-based company has over 10 years experience conducting training workshops and providing services in model-based development and quality assurance of models. With the MES Summer School, taking place from June 12 – 16, 2017, MES is specifically targeting all software developers of embedded systems who work in model-based development or are planning a switch from code-based to model-based development. The MES Summer School will, in five days, equip participants with the right tools and know-how to develop and safeguard safety-critical software models according to standards like IEC 61508, ISO 26262, and ASPICE.

Industrial Application of Model-based Software Development

Model-based development of embedded systems is a mature technology to create technical software applications with high quality and efficiency. These technologies are used in particular in the automotive industry and in automation technology, but they are also applied in aeronautics and medical technology.

MES Summer School on Introduction to Model-based Development of Embedded Systems

The MES Summer School program offers participants a comprehensive guide to model-based software development and quality assurance: from the elicitation and management of requirements through to the definition of architectures and model structure. Particular attention will be paid to static and dynamic quality assurance methods.

The MES Summer School connects theory with practical implementation. The thematic introductions and explanations made by the speakers will be followed by practical applications of the theory and discussions. By applying all relevant process steps during the hands-on sessions, participants will face all the typical challenges of modeling safety-critical systems; this will prepare them for the application of the

relevant process steps in their own projects. Beyond this, participants will receive practical recommendations for modeling and safeguarding their models according to standards like IEC 61508, ISO 26262, and ASPICE.

The group size will capped at 20 participants, allowing the speakers to provide individual supervision. The experienced speaker team, a relaxed atmosphere, and an appealing leisure program in Berlin will ensure that participants have ample time to exchange with each other and with the speakers.

Target audience

The MES Summer School is equally suited to developers switching from code-based to model-based development as to beginners in model-based development. The workshop is designed for developers, testers, projects managers, and team leaders, whose focus is safeguarding safety-critical embedded software. The MES Summer School is also suitable for industry personnel, as well as for academic staff from universities and technical colleges. Only basic modeling knowledge with Simulink® and Stateflow® is assumed.

Registration | Participation fee | Event location

The participation cost for the entire event is € 2,400 plus VAT per participant. The cost includes accommodation at the avendi Hotel am Griebnitzsee and full catering. An early bird discount of 10% is offered on registrations made before March 31, 2017. An additional 25% discount is available for companies that register more than one participant at the same time or that register for another training workshop from the MES Training Workshop Program 2017. The cost for university personnel is € 980 plus VAT.

The event venue is the avendi Hotel am Griebnitzsee between Berlin and Potsdam, Germany.

The event at a glance

Dates: June 12 – 16, 2017
Language: English
Cost: € 2,400 per participant
Venue: avendi Hotel Griebnitzsee, Rudolf-Breitscheid-Straße 190, 14482 Potsdam-Babelsberg, Germany

Agenda and registration form

http://www.model-engineers.com/en/summerschool.html

About MES: Software Quality. Made in Germany.

Model Engineering Solutions GmbH (MES) is the competence center for model-based software. Structured along three main areas, MES Quality Tools, MES Test Center, and MES Academy, MES offers ideal support for integrated quality assurance. The MES Quality Tools are software tools to achieve highest quality. MES Model Examiner® (MXAM) is the first-choice solution for checking modeling guidelines. MES Test Manager® (MTest) perfectly implements requirements-based unit testing in model-based development. MES Quality Commander® (MQC) evaluates the quality and product-readiness of your software and delivers key decision-making data throughout the product development lifecycle. The MES Test Center includes testing services from requirements management, through setting up test specifications and automated test evaluation to quality monitoring. The MES Academy provides training workshops and seminars and supports customers seeking to introduce or enhance their model-based development processes, such as fulfilling standards like IEC 61508, ISO 26262, and ASPICE. MES clients

include major OEMs and suppliers to the automotive industry as well as in automation technology worldwide. MES is a TargetLink® Strategic Partner of dSPACE Inc. and a MathWorks and ETAS Product Partner.

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