



RoodMicrotec Newsletter

Number 3, November 2015 • RoodMicrotec

3

Highly experienced and competent team

I am proud to say that the teams, both in Nördlingen and Stuttgart, are perfectly lined up to face the challenge of Philip being absent for at least several weeks.

We have very competent and highly experienced people with a strong focus on the customer's exact requirement. I have full confidence in the recently

installed Executive Committee, which I will be supporting on a daily basis.

Vic Tee, Chairman Supervisory Board.

Investment in 3D X-ray scanner to further improve service provision

RoodMicrotec will install a new 3D X-ray CT (computed tomography) evaluation tool for advanced device analysis.

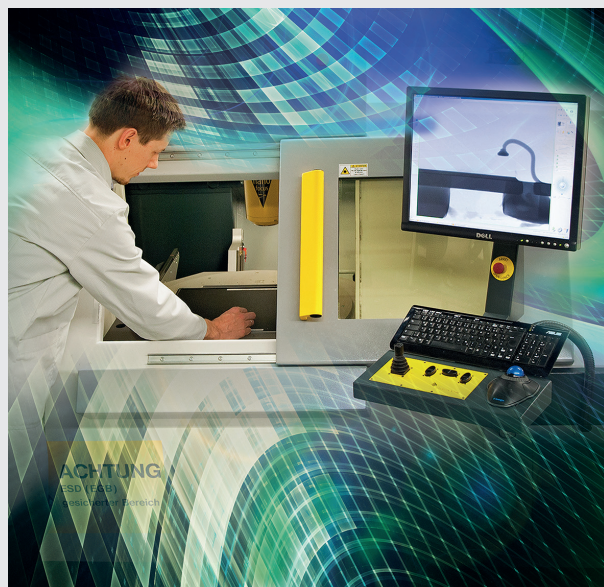
This technique makes use of computer-processed combinations of many X-ray images taken from different angles to generate cross-sectional (tomographic) images (virtual 'slices') of specific areas of a scanned object. This makes it possible to image structures inside the devices without any physical damage. The tool can produce three-dimensional (3D) representations of many advanced devices, such as stacked integrated circuits (ICs), micro-electromechanical systems (MEMS), through-silicon via (TSV) technologies and also lightly absorbing materials like plastics.

With this state-of-the-art technology complex faults can be far better analyzed compared to the commonly used 2D X-ray technique. In addition, both 2D and 3D imaging benefit from a new detector which offers higher image resolution, lower noise levels and a wider dynamic range.

The decision to acquire this 3D tool was taken due to the steadily increasing number of requests from customers for this technique. With the new in-house X-ray CT tool, failure analysis as well as device characterisation will be carried out more swiftly than ever before.

This investment in combination with the broad knowhow of the whole team will furthermore enhance analysis capabilities and enable RoodMicrotec to provide even better service to customers.

For quality assurance purpose we offer in case of urgency three shifts for a 24-hour service.



Introducing:

Cornelia Gehweiler

In October, Cornelia Gehweiler joined RoodMicrotec as Project Manager for Supply Chain Management.

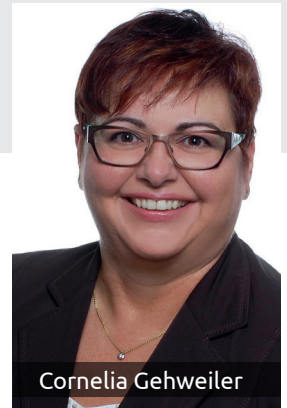
After she finished her training for design draftsman, she worked in the department for control engineering for various companies around Aalen. During this time, she took an extension course in Electrical Engineering Technician, graduating in 1993.

After parental leave she moved from Aalen to Stuttgart, where she worked as an electrical construction design engineer. In parallel, she took the control as an administrator for UNIX networks while also generating technical documentation for measuring machines.

In the beginning of 2000 she moved to a service provider. In her first two projects she acted as a design engineer and as of 2004 as a project manager for several automotive and aircraft companies, building up a great deal of experience in project management.

Cornelia will support RoodMicrotec's Project Management department. She will coordinate project details, time schedules and monitor the status of automotive projects.

Cornelia adds: 'With my ample experience in project management, I am the right woman in the right place at RoodMicrotec. RoodMicrotec is handling several major projects that go through various phases before their ultimate finalisation. I draw up plans and structure them, so that we have a clear picture and everyone knows what needs to be done. Strict project management is of crucial importance, and it makes me feel good to be able to make a key contribution to it.'



Cornelia Gehweiler

Introducing:

Michael Dommel

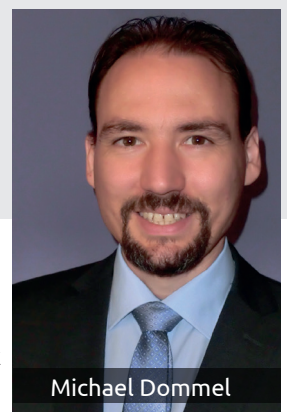
In October, Michael Dommel joined RoodMicrotec's Q&R department. He studied Electrical Engineering and Information Technology at the Munich University of Applied Sciences.

During his Bachelor's studies, he already worked in the production engineering department at Bosch in Ansbach, where he built and implemented a test system for airbag control units.

After obtaining his BSc degree with Honours, he worked as Hardware Design Engineer at HS Elektronik Systeme GmbH (part of United Technologies Corporation) in Nördlingen. Michael's work there focused on power distribution modules for aerospace projects, covering the full HW (hardware) development process from the definition of the product's requirements and HW design, to schematic and layout creation and development tests of the complete module.

Michael will strengthen the qualification and reliability team with his knowledge of HW development and test. He will work as an engineer providing leading edge solutions to customers and also monitor that the work is performed according to the proper standards.

Michael will also participate in the different working groups within RoodMicrotec striving to strengthen the automotive activities.



Michael Dommel

Agenda 2015



11 November 2015

Quality and Reliability Network

3M, Cain Road
Bracknell, UK



11 November 2015

Quality and Reliability Network

Lecture:
Uwe Thiemann
3:00 am - 3:30 pm

New qualification methods
for IC's, LEDs or Systems –
is Mission Profiling and
Robustness Validation an
option?



17-19 November 2015

Aerospace

Messe Bremen
Bremen, Germany

Hall 5, booth A51

Colophon

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