

Invitation to 6th CIA-CT Conference and InteraqCT event on "Computed Tomography from imaging to traceable measurements"

September 8, 2016, 10:00-16:30
Building 101A, Meeting room 1
Technical University of Denmark
Anker Engelunds Vej 1
2800 Kgs. Lyngby, Denmark

The conference provides the latest update on the use of CT scanning for dimensional metrology in industry. The conference program includes 12 invited presentations by international experts and industrial users of CT scanning.

The conference is an activity within within the Marie Curie ESR Project INTERAQCT - International Network for the Training of Early stage Researchers on Advanced Quality control by Computed Tomography funded by the European Commission's 7th Framework Programme FP7-PEOPLE - under grant agreement No 607817. Detailed information is available at <http://www.interaqct.eu/>.

Registration to the conference by September 1, 2016 at the following link:

<http://www.conferencemanager.dk/CIA-CT2016>

Conference fee: DKK 1850 - EUR 250

The fee includes conference material, lunch and coffee breaks. The fee is tax-free.

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We look forward to seeing you at the conference!

www.interaqct.eu

www.dtu.dk

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9.30-10.00	Registration and coffee Introduction	
10.00-10.10	Welcome and introduction	Leonardo De Chiffre, DTU Mekanik, Denmark
10.10-10.40	Keynote "The work flow in Computed Tomography 1 for dimensional metrology"	Jochen Hiller, Fraunhofer EZRT, Deggendorf, Germany
10.40-11.00	Break Session on "Imaging in Computed Tomography"	
11.00-11.20	Correction of detector artefacts 2	Frank Herold, Yxlon, Germany
11.20-11.40	Image quality enhancement in Computed 3 Tomography	Anders Bjorholm Dahl, DTU Compute, Denmark
11.40-12.00	3D imaging using different sources 4	Henning Friis-Poulsen, DTU Physics, Denmark
12.00-13.10	Lunch Session on "Reconstruction and geometrical measurement"	
13.10-13.30	Reconstruction and surface determination 5	Sven Gondrom-Linke, VG, Germany
13.30-13.50	Geometrical measurements from CT data 6	Martin Heath, Werth, Germany
13.50-14.00	Break Session on "Traceability of CT measurements"	
14.00-14.20	InteraqCT comparison on assemblies 7	Alessandro Stolfi, DTU Mekanik, Denmark
14.20-14.40	Uncertainty in CT following the GUM 8	Jan Lason Andreasen, Novo Nordisk, Denmark
14.40-15.00	Uncertainty in CT using a simplified approach 9	Lorenzo Carli, Novo Nordisk, Denmark
15.00-15.10	Break	
15.10-15.30	Calibration artefacts for Computed Tomography 10	Wim Dewulf, KU Leuven, Belgium
15.30-15.50	Industrial-like reference objects with multiple 11 geometrical characteristics	Alexandra Krämer, KIT, Germany
15.50-16.10	A new method for on-machine calibration in CT 12	Alessandro Stolfi, DTU Mekanik, Denmark
16.10-16.30	Closure	