

Dienstag, 24.04.18

2D-Bildverarbeitung

10:00	Opto	High-resolution imaging modules for industrial and non-industrial applications
10:30	Fujinon	Der Einfluss von Stößen und Vibrationen auf Kameraobjektive
11:00	Edmund Optics	Impact of telecentricity on performance of optical measurement applications
11:30	Lucid Vision	Using polarization imaging in inspection
12:00	Silicon Software	Deep Learning mit FPGAs – Inline Objekt-Klassifikation im Produktionstakt
12:30	Canon	High-speed and high-precision 3D recognition of objects

3D-Bildverarbeitung

13:00	LMI Technologies	3D Inline-Inspektion mit Linienprofilsensoren und Snapshot-Sensoren
13:30	IDS	3D vision – complementing 2D rather than replacing it
14:00	Baumer	Schnelle Inline Oberflächeninspektion mit Shape-from-Shading
14:30	BECOM BLUETECHNIX	Time-of-Flight demystified
15:00	Polytec	3D surface quality inspections tailored to your needs

Mittwoch, 25.04.18

Optische 3D-Messtechnik

10:00	Faro	Optical Metrology: offline – atline – inline
10:30	Mapvision	Digitalization of inspection processes is making atline and offline obsolete
11:00	Isra Vision	Deflectometry for strongly curved reflecting surfaces
11:30	TAG Optics	Taking 3D optical inspection from benchtops to ultra-fast manufacturing lines

Optische 3D-Messtechnik

13:00	Rauscher	Bildverarbeitungssoftware für hochpräzise Metrologie in 2D und 3D
13:30	Euresys	High speed 3D profiling CoaXPress frame grabber
14:00	Automation Technology	Optimized design of 3D laser triangulation systems
14:30	gbs	Acceleration of white-light interferometry for inline applications
15:00	attocube / Etalon	Interferometric calibration system for volumetric compensation

12:00 Podiumsdiskussion Inline-CT

Inline Computertomographie – Mythos oder Realität?
Aptiv, Fraunhofer IIS, Volume Graphics, Werth, Yxlon



Donnerstag, 26.04.18

Hyperspectral Imaging

10:00	SpectroNet	Multi- and hyperspectral imaging in industry and beyond
10:30	JAI	Colour imaging – Getting the best of prism cameras
11:00	EVK	Quantitative chemical imaging for the production line
11:30	ATD Eletronique	Using the SWIR-band for inline material
12:00	EVT	3D and hyperspectral – an unbeatable combination for vision solutions

Computertomographie (CT)

12:30	Nikon	CT-automation and free configurable CT systems
13:00	Volume Graphics	Physics and technology of very fast or inline industrial 3D-CT
13:30	Thermo Fisher Scientific	Digitale Inspektion von Multimaterial-Bauteilen

Thermographie

14:00	Infratec	Inline-Rissprüfung metallischer Halbzeuge mittels Wärmefluss-Thermografie
14:30	[mu:v]	Inline-Überwachung beim Kunststoffschweißen mit messenden IR-Kameras