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WEBINARS

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Launching a Machine Vision Project

Wednesday, November 4, 2020 1:00 PM - 2:00 PM EST

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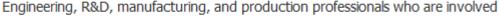
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.: About This Webinar

Machine vision provides imaging-based automatic inspection and analysis for many modern industrial applications. This webinar will give you a general overview of machine vision system design principles, including in-depth reviews of several real-world machine vision applications — ranging from part location to food inspection — to illustrate how to solve both basic and complex industrial applications.

Attendees will come away with an understanding of how machine vision solutions extract actionable data from images, as well as how to manipulate those images to best effect, including real-world application demonstrations and checklists for setting up their next machine vision project.

By reviewing the basics of machine vision, including hardware, software, and design services, this webinar will help end users and designers alike to evaluate the available technology options, choose the most cost-effective hardware/software/design approach for their application, and determine when the project can be solved with in-house resources, or when it requires special design knowledge and support.

Who should attend:
Engineering, R&D, manufacturing, and production professionals who are involved in the development, implementation, and/or use of machine vision. Anyone involved in the specification and/or purchase of hardware and software for machine vision. Regardless of industry, if your work involves machine vision applications, you can benefit from this informative webinar and the answers it will provide to your questions and challenges.

About the presenters:
Paul Scardino is the North American applications manager and general manager for Baumer Design Center. He has 30 years of experience in architecting and implementing machine vision and image processing systems, with a unique skill set in machine vision for both hardware and software. Over his lengthy career, he has designed and built machine vision solutions for many Fortune 500 companies.

Scardino will be joined by Greg Matherly, North American business development manager for Baumer Vision.

This webinar is sponsored by Teledyne DALSA, part of the Teledyne Imaging group and a world leader in the design, manufacture, and deployment of digital imaging components for the machine vision market.

This webinar is also sponsored by Specim, Spectral Imaging Ltd. Specim is a globally leading supplier in hyperspectral imaging. Its international team of 70+ professionals, with expertise in optics, electronics, software, and machine vision, serves the market with the broadest range of hyperspectral cameras, imaging spectrographs, systems, and accessories.

This webinar is also sponsored by FOCtek Photonics Inc. FOCtek provides customers with high-precision optical components, offering various types of high-resolution lenses and optical solutions. Their machine vision lenses are optimized to reach a working distance of <0.3m and ultra low distortion, with image color that is consistent with real objects and image quality reaching 25MP or higher. Custom-made lenses are available upon request.

This webinar is also sponsored by Omega Optical, LLC. Omega Optical can provide standard or custom filters from UV to IR from prototype to production quantities in vision systems, life science, industrial, astronomy and defense applications. Omega Optical has designed over 100,000 custom optical filters and mirrors and shipped over 30 million since 1969.

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