



# PRELIMINARY PROGRAMME OF CONFERENCES

9:00



9:30

## OPENING CONFERENCE



*Opening conference and technical explanations.*



**Catherine Farcy** • *Communication Manager*

10:00



10:30

## READY-TO-USE SOLUTION FOR YOUR PHOTONIC AND VISION NEEDS



*Discover this range of industrial cameras (linescan, area, board, UAV ...) for your control applications: quality control, presence control, dimensional analysis, color analysis. The associated computers VISION BOX allows autonomy and a ready-to-use solution for image analysis and processing.*



**Christophe COURTOIS** • *Inside sales*

10:30



11:00

## AUTOMATED SCRATCH-DIG INSPECTION - ADVANTAGES OF REPLACING MANUAL-VISUAL INSPECTION



*Still to date, manual inspection of optical parts for cosmetic defects is the standard in the industry. However, as human visual inspection is a difficult and strenuous task, results are not as qualitative and repeatable as QC managers often would like them to be. With a computer based machine inspection system incorporating the ISO 10110-7 norm, companies can increase quality of parts while reducing costs.*



**Dr. Roland GOSCHKE** • *Head of Sales - Business Development*

Session 1

11:00

## ENHANCED PERFORMANCE FOR IMAGING & SENSORS WITH DEEP-BLACK COATINGS THROUGH STRAY LIGHT OPTIMIZATION



*ACKTAR products significantly improve contrast and enhance the signal-to-noise ratio, for better optical performance not only in the visible, but also in the UV & IR*



**Alexander TELLE** • *CEO of ACM Coatings GmbH (subsidiary of ACKTAR)*

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11:30

Session 2

## VARIFOCAL LENS TAGLENS

Mitutoyo

*The tunable acoustic gradient index of refraction lens is an adaptive optics device filled with a fluid and driven by acoustic wave. The very fast refractive index change results in a lens with tunable focal length at 70 Hz rates, with applications in imaging and beam shaping.*



**Ralf KRUSE** • Product Manager

11:30  
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12:00

## IRG INFRARED GLASSES FROM SCHOTT AS THE BASIS FOR HIGH PERFORMANCE SOLUTIONS IN INFRARED TECHNOLOGY



*In the past, infrared glasses (chalcogenides) were considered "exotics", which had been described in the literature for a long time, but were not used across the board. Due to the constant development in the area of uncooled infrared detectors, the requirements for imaging optics have inevitably changed. This relates not only to technical / physical properties, but also largely to the costs and processing of the IR materials. This presentation will outline the advantages of using IRG materials in your IR optical system.*



**Gernot WEBER** • Global Product Manager IR Materials / Laser Glass

12:00  
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12:30

## PARTNERING ON CREATIVE OPTICS TO BOOST YOUR INNOVATION



*Lambda-X provides optics engineering and optical systems contract manufacturing services to contribute to innovative product development with a proven methodology. We will illustrate with several concrete examples in the fields of industrial quality and process control, IVD diagnostics and life sciences, space and environment.*



**Thierry Emeraud** • Business Development Manager Industry

13:30  
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14:00

## HOW TO DO EFFECTIVE DIGITAL MARKETING WITH THE RP PHOTONICS BUYER'S GUIDE



*It is explained why and how the RP Photonics Buyer's Guide can be used for generating far more sales leads than with any other photonics website. The key element is to provide product information to users compiling a short list of suitable suppliers.*



**Dr. Rüdiger PASCHOTTA** • Founder and managing director

14:00  
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14:30

## A WIDE SPECTRUM OF WONDERS: DISCOVER HAMAMATSU PHOTONICS' SCIENTIFIC CAMERAS



*Engineered to create insight for scientific discoveries and industrial applications, our imaging solutions cover a spectrum of possibilities. From Near-Infrared to X-ray, join us to hear more about a range of applications covered by these sophisticated scientific cameras.*



**Bruno EMICA** • Sales Engineer

14:30  
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15:00

## HIGHEST PRECISION PASSIVE ALIGNMENT OF OPTICAL DEVICES: LESS THAN 1 $\mu$ AWAY FROM PERFECTION



Over the past 2 years we tackled the challenges related to the series production of 400Gb transceivers using passive alignment of optical modules. The aspects of the process development, from matching of process to material, to optical recognition, to height control of coined golden stud bumps and thermocompression have been mastered in our facility. This is the story of the challenges and solutions.



**Dan NEGREA** • VP for new Technologies

15:00  
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15:30

## PACKAGING PARTNER FOR MICROELECTRONICS AND OPTOELECTRONICS



Argotech is the packaging One Stop House focused in MICRO & OPTO electronics located in the Czech Republic. The team of 70+ experts with more than 20 years experience supports packaging design of electrical layout, high frequency towards 100G, optical coupling and hybrid micro-assembly integration from wafer to discreet component. Production scalability from 1 piece to 1kk in a clean room 800 m2. Industry, space, security, medical and automotive markets experience. Silicon Photonics packaging industrialisation partner.



**Martin TUMA** • Sales director

15:30  
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16:00

## SCHOTT IN YVERDON – WITH FOCUS ON ASPHERES FOR LASER, CINE LENSES AND DEFENSE APPLICATIONS



- 1) General capability and markets covered from SCHOTT in Yverdon, Switzerland
- 2) Our focus markets/applications: Laser - Cine lenses - Defense
- 3) Observed Coatings considerations in these fields
- 4) How we work with potential customers, handle RFQ's



**Christian WOLF** • Senior Product Manager

16:00  
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16:30

## LASER TECHNOLOGIES FOR AUTONOMOUS DRIVING



LUMIBIRD is one of the world's leading specialists in lasers, with expertise in laser diodes, solid-state and fiber lasers. In recent years, the autonomous vehicles market created big challenges in the photonics world. The LUMIBIRD group is fully committed to the development of laser solutions for these particularly challenging ADAS applications.



**Christophe VITRE** • Application & Product Manager

16:30  
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17:00

## PHOTON LINES OPTICAL SOLUTION PROVIDER: INTERFERENCE FILTERS V.S COLORED GLASS FILTERS IN AUTOMATED VISION APPLICATIONS



Photon Lines is proud to present Chroma ContrastMax interference filters for machine vision. The ContrastMax filter is a major improvement for machine vision applications that let through more light "where you want it" while blocking unnecessary wavelength, thus improving dramatically the contrast at a wide variety of viewing angles.



**Philippe LACHAMP** • Physics-Photonics Sales Manager

17:00  
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17:30

## EUROPEAN PROJECT PIMAP+ PROVIDES PHOTONICS SMES WITH KEY INTERNATIONALISATION SERVICES



*The PIMAP+ consortium coordinated by ALPHA-RLH(France) gathers 5 other European clusters: PRODUTECH (Portugal), AFIL (Italy), BUSINESS JOENSUU (Finland), MORAVIAN AEROSPACE CLUSTER (Czech Republic) and TRIPLE STEELIX (Sweden), to strengthen cross-sectoral cooperation in the fields of photonics, advanced manufacturing, metalworking and aerospace industry. Together we provide internationalisation support services for SMEs in four markets: The US, Canada, China and Japan. Come and discover our next activities and events!*



**Alithéa LAFAYE** • European project coordinator

17:30  
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18:00

## THE EU 1 B€ R&D PROJECT ON GRAPHENE – APPLICATIONS IN PHOTONICS



*Graphene integrated with a silicon-based CMOS circuit shows a strong advantage in terms of performance and cost over incumbent technologies for applications in solar cells, LED, touch screens, long-range communication devices and ultrafast lasers. The webinar will introduce graphene applications in photonics and provide information for French Photonics Companies to become Associate Partners at no entrance fee.*



**Olivier MESSAGER** • Business Developer