PRESS RELEASE

SPECTRONET COLLABORATION CONFERENCE 2024: ANTARES VISION GROUP BRINGS INNOVATION TO LAKE ISEO. QUALITY AND SAFETY IN PRODUCTS AND SERVICES THANKS TO PHOTONICS AND MACHINE VISION

At the two-day event dedicated to companies, institutions and the world of research, future trends and innovations in various fields of application will be presented, from food safety and quality monitoring to biomedical

Travagliato (Brescia),17 April 2024 - On 17 and 18 April, Lake Iseo will host the 2024 edition of the **SpectroNet Collaboration Conference**, an international conference dedicated to the latest developments and trends in photonics and computer vision, organised this year in collaboration with **Antares Vision Group**, a leading Italian multinational in traceability and quality control, which guarantees the transparency of products and supply chains through integrated data management.

High-speed imaging solutions such as those acquired with 10GigE cameras, intelligent 3D sensors and artificial intelligence to improve efficiency and quality in complex applications will be presented at the conference, among others.

The use of artificial intelligence allows the user to autonomously and easily create visual inspection models within minutes and without having to resort to traditional visual inspection techniques. The models can be trained (so-called Deep Learning), reducing configuration effort and enabling a highly replicable approach characterised by a short time-to-value.

Strongly supported in Italy by Antares Vision Group, the conference will be an opportunity to meet international industry experts, learn about current and future developments in photonics and machine vision, supporting technological and sustainable innovation for businesses and consumers. Antares Vision Group will offer participants an **exclusive company tour**, including a visit to laboratories, production facilities and an in-depth look at innovative solutions for the pharmaceutical sector.

"Antares Vision Group has innovation as one of its founding values. It was born precisely by exploring pioneering technologies when computer vision was an experiment that combined devices, programmes and processes that were unheard of at the time,' observes **Alberto Albertini, Innovation Centre Director of Antares Vision Group**. 'That is why it is honoured to have propitiated one of the most important international conferences on the very topical issues of machine vision today, because every sector needs to guarantee monitoring, control, quality inspection and data analysis. The occasion will also be propitious because our Group will be able to illustrate to the international audience of participants new developments in the various sectors Life Science, Healthcare, Food and Beverage, Cosmetics and much more".

Over the two days of the event, divided into 6 sessions, 31 speakers from industry companies will take turns on stage to present key innovations and applications. **Francesco Brazzarola, Technologies & Systems Director of the Innovation Center at Antares Vision Group** will talk about how the application of artificial intelligence to visual inspection can optimise the entire production process in a talk entitled *Visual Inspection across technologies and industries*.

Carsten Strampe, General Manager of Imago Technologies, part of Antares Vision Group, will illustrate the possibilities of high-speed vision in a speech called *Mastering the Millisecond: High-Speed Vision Solutions for Enhanced Efficiency & Quality*.

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Since 2008, SpectroNet has been committed to promoting collaboration in the field of **photonics** and **computer vision**, which are capable of achieving significant impact in many sectors such as food safety and quality control, agricultural applications or monitoring digital microscopy activity for biomedical applications.

For further information: https://www.spectronet.de/scc2024-italy

Antares Vision Group

Antares Vision Group is an Italian multinational, listed on the STAR segment of Euronext and included in the Euronext Tech Leaders index, which is dedicated to leading tech companies with high growth potential. AV Group enables the digitalization of products and supply chains through traceability, inspection for quality control and integrated data management. It supports companies and institutions in ensuring. Through DIAMIND, the integrated ecosystem of solutions, the Group guarantees safety, quality, efficiency and sustainability of products (with inspection systems and machines) and end-to-end traceability across the supply chain (from raw materials to production, from distribution to the consumer, and vice versa), with integrated data management, boosted by artificial intelligence and able to be integrated with blockchains. AV Group operates in the Life Science sector (pharmaceutical products, biomedical devices and hospitals) and in the Fast-Moving Consumer Goods (FMCG) industry. It is the world leader in Track & Trace systems for pharmaceutical products, supplying major global manufacturers (over 50% of the top 20 multinationals) and numerous government authorities. AV Group recorded a turnover of Euro 223 million in 2022, operates in 60 countries, employs over 1,100 people, and boasts a network of over 40 international partners.

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