PRESS RELEASE

Specto Photonics secures strategic investment from Lagfin – Italian Branch, LS3 and Red Castle

Milan, Italy, September 3rd, 2024 — Specto Photonics, a pioneering deep-tech company specializing in advanced spectroscopy solutions, is thrilled to announce the successful completion of a €1 million investment round. The funding was led by new and existing investors, confirming the trust in Specto's long term vision. The investment marks a significant milestone in Specto Photonics' mission to revolutionize the field of Brillouin Spectroscopy, particularly for biomedical and industrial applications.

Brillouin Spectroscopy is an all-optical technique that enables the measurement of fundamental viscoelastic properties of (bio)materials with unprecedented capabilities. Unlike traditional methods, it requires no physical contact or toxic labels and offers sub-micron spatial resolution in 3D. Specto Photonics, with its longstanding expertise and pioneering work in this domain, is committed to making this powerful method accessible to a broader audience through innovative solutions, such as fully integrated Brillouin spectrometers on silicon photonics chips and high-rejection notch filters.

The newly secured investment will be instrumental in finalizing the research and development phase and driving the commercialization of theese breakthrough technologies, paving the way to the generation of new global markets where the precise characterization of mechanical properties is critical.

"The addition of strategic investors like Lagfin – Italian Branch, Red Castle and the renewed trust of investors like LS3 provide us with the essential resources to bring our advanced spectroscopy solutions to market." said Giuseppe Antonacci, co-founder and CEO of Specto Photonics. "We are targeting new, fundamental biomedical applications where our technology will be a game-changer."

Specto Photonics' unique technology has already received international recognition, with accolades from the European Union's Horizon 2020 program, Falling Walls and Digital Innovation Hub Photonics. The scientific results accomplished by the company in collaboration with leading research institutes, such as Politecnico di Milano and the National Research Council, have been published in high-impact peer-review journals, including Nature Communications, further validating the quality of the research at the hearth of its groundbreaking technology.

"We are thrilled to see the validation of our vision also from new investors. This funding accelerates our journey toward pushing the boundaries of what's possible in spectroscopy. Our technology is poised to make a significant impact across multiple industries, and with this

investment, we are one step closer to making our solutions widely accessible worldwide" said Riccardo Magno, co-founder of Specto Photonics and shareholder of LS3.

The new capital infusion will allow Specto Photonics to expedite product development, enter new markets, and strengthen its position as a global leader in photonics-integrated spectroscopy solutions.

Future Outlook

As Specto Photonics continues to push the boundaries of innovation, the company is actively planning its next phase of growth. This investment serves as a critical bridge, setting the stage for future expansion. The company is in discussions with potential investors for upcoming funding rounds, offering a unique opportunity to be part of a transformative journey in the rapidly evolving spectroscopy and photonics landscape. Stay tuned for further updates on our progress and future investment opportunities.

About Specto Photonics

Founded in 2019, Specto Photonics is a spinoff from Politecnico di Milano dedicated to the development and commercialization of next-generation optical spectroscopy solutions. Our product portfolio includes fully integrated Brillouin spectrometers on silicon photonics chips and high-rejection notch filters, designed to meet the demanding needs of both biomedical and industrial applications.

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