

RISE Microscopy chosen as 2015 Prism Award Finalist

RISE Microscopy has been nominated for a 2015 Photonics Prism Award. These well-respected product innovation awards honor the best new photonic products on the market and are each year presented by SPIE and Photonics Media at a gala event during Photonics West in San Francisco. RISE microscopy is a correlative microscopy technique combining the chemical analysis power of Raman imaging with the ultra-structural characterization capabilities of a scanning electron microscope in an integrated system. It is a joint development of WITec and the Czech electron microscope manufacturer Tescan. Both development teams are delighted to become part of the elite group of innovators in consideration for a Prism Award. For WITec this is the second nomination after ultimately winning in 2012 with TrueSurface Microscopy for topographic confocal Raman imaging.

“We are thrilled to be among the finalists again”, said Dr. Olaf Hollricher, Managing Director R&D of WITec. “This nomination is a great honor for WITec and can be considered further validation of our technological strategy: Providing cutting-edge products for ambitious scientific customers.”

Correlative microscopy is an ongoing trend in microscopy. With a modular optical design WITec addressed early on the ability to combine various complementary techniques in integrated system configurations such as Raman-AFM or TrueSurface Microscopy. RISE, which stands for Raman Imaging & Scanning Electron Microscopy, is a novel technique which enables for the first time the acquisition of SEM and Raman images from the same sample area and the correlation of ultra-structural and chemical information with one microscope system.

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RISE Product information: <http://www.witec.de/products/rise-microscopy/>

Photonics Prism Award Finalists Page: <http://www.photonicsprismaward.com/finalists.aspx>

About WITec:

WITec is a leading German manufacturer of confocal and scanning-probe microscopes for state-of-the-art Raman, Atomic Force (AFM), and Scanning Near-Field Optical Microscopy (SNOM). WITec's headquarters is located in Ulm, Germany, where all WITec products are developed and produced. Branch offices in USA, Japan, Singapore, and Spain ensure a worldwide sales and support network. From the company's founding in 1997, WITec has been distinguished by its innovative product portfolio and a microscope design that enables combinations of the various imaging techniques within one system. An exemplar of the company's breakthrough development is the world's first integrated Raman-AFM microscope. To this day, WITec's confocal microscopes are unrivaled in sensitivity, resolution and imaging capabilities. Significant innovation awards document WITec's enduring success and innovative strength.

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