

Press Release

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[www.till-photonics.com/
Products/andromeda.php](http://www.till-photonics.com/Products/andromeda.php)

TILL Photonics exhibits Andromeda-iMIC at The EMBO Meeting 2011 in Vienna

This imaging workstation combines a broad range of imaging applications, integrating methods such as TIRF, FRAP, photo activation, FRET, FCS, multi photon, Structured Illumination and TILL's proprietary Laser Spinning Disk Confocal Andromeda. It derives its outstanding performance and versatility from its fundamentally new optical concept, requiring only a single disk and placing (long-pass) dichroic mirrors into the infinity space. This greatly improves the point spread function (PSF) and provides higher resolution and better optical sectioning than achieved by previous approaches.



Among the key features of Andromeda-iMIC are:

- Modular concept for multi-application configurations
- Automated control of complex experiments
- Flexible software for changing demands
- Laser Spinning Disk Confocal (Andromeda)
 - Improved smoothness of rotation (all units run at 10.000 rpm)
 - Square illumination field optimized for 2/3" CCD and 8.2x8.2mm EMCCD chips.
 - Full automation of all filters (15-position excitation-filter wheel, 9-position emission filter wheel and 5-position dichroic mirror slider)

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More details can be obtained during The EMBO Meeting 2011 in Vienna, 10-13 September, booth 47.

TILL was founded in 1993 as systems provider for fluorescence microscopy. From its very beginning TILL had placed its focus on the development of innovative, enabling technologies for the study of live cells. Setting out with a novel light source for ratio imaging and the first real-time imaging system on the market, TILL developed a novel, award-winning microscope platform concept, which allows integrating an unprecedented number of functionalities into a single instrument. Based on this technology TILL has subsequently become a provider for complete microscope systems, and the new TILL intends to step into these footsteps and plans to extend the platform concept in order to grow into a wide range of markets, both in basic research, screening and medical diagnostics.

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