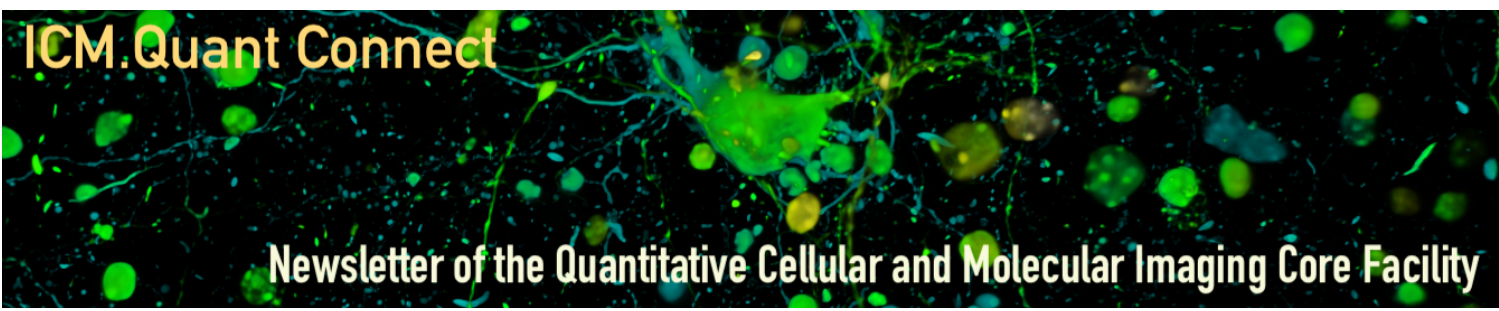


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Introducing the April 2025 edition of the ICM.Quant Connect newsletter! 📢

We are here to keep you informed with the latest updates on the ICM.Quant platform, your trusted ally for all things related to electron microscopy, photonics & Image Analysis projects.



Dominique is signing off!

After creating and growing the electron microscopy service at ICM, Dominique is setting off to explore new horizons — this time without a microscope! A huge thank you for all these years of hard work and invaluable expertise.

✓ Here's a snapshot of his very last experiment at ICM!

Happy retirement, Dominique — and remember, life is worth observing up close too! 🔍



ICM.Quant Secures Strategic Partnership with Nikon France

We are thrilled to announce that the ICM.Quant platform has signed a 3-year partnership agreement with Nikon. This collaboration will enable us to access state-of-the-art equipment, receive priority support, and organize events. Stay tuned for more updates coming soon!



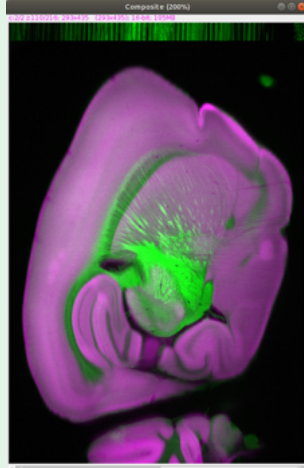
ICM.Quant Now Has an RRID: SCR_026393

The ICM.Quant platform has been assigned a unique Research Resource Identifier: **RRID:SCR_026393**. Please include it in your publications when using our equipment or services—ideally in the Materials and Methods section. Including the RRID helps increase the visibility of your research and automatically links your work to the platform. You can also find the RRID in the comments section of each equipment entry in OpenIRIS. Thanks for your support!

ClearMap support

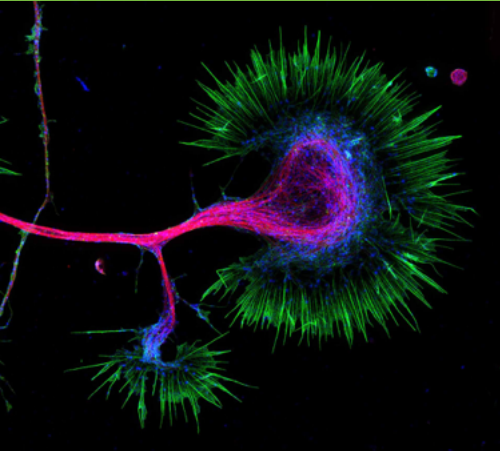
Louise Mathé, engineer on the ICM.Quant team, offers support for data analysis in lightsheet microscopy using ClearMap. Trained by Nicolas Renier's team, she brings solid expertise to help with your projects.

Feel free to contact Louise for assistance!



ICM.Quant Preparing for ISO 9001 Certification

With ROQ's support, ICM.Quant will undergo its ISO 9001 certification audit in June—marking a key step in our commitment to quality and service.



Explore the Capabilities of Our STED Super-Resolution Microscope!

Interested in learning more about the potential of our STED (Stimulated Emission Depletion) super-resolution microscope from Abberior? You can find useful resources, including demonstration videos, at the following link: <https://abberior.rocks/expertise/faq-videos/>.

Feel free to reach out to our team if you'd like to run test samples or get more information. Abberior can also provide guidance on how to best prepare your samples for STED imaging.

[Learn more](#)



Leica EM FSP Robot Co-Funded by Sorbonne University

Thanks to co-funding from Sorbonne University, we will soon acquire a Leica EM FSP robot. This system automates reagent handling for cryosubstitution and works with our existing Leica EM AFS2. It will enhance our low-temperature sample preparation for both electron and light microscopy.

Thank You for Your Feedback!

A big thank you to the 42 respondents (92.86% internal) who completed our satisfaction survey.

Key Results

- **Satisfaction:** 86.7% overall satisfaction
- **Deadlines:** 97.62% of projects delivered on time
- **Highlights:** Strong appreciation for support, engineering expertise, and responsiveness to repairs

Your feedback is invaluable in helping us improve the ICM.Quant platform. Thank you!



Automatic Deletion of Old Data on ICM.Quant Systems Begins This Week

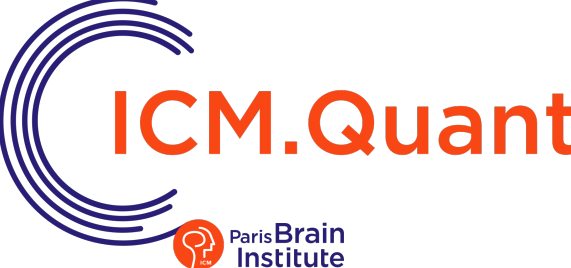
As previously announced, an automatic and permanent deletion process is now active on ICM.Quant acquisition and analysis computers. All data older than one month will be systematically deleted to optimize storage and maintain smooth system performance.

Users are reminded to save their images to their designated server space immediately after acquisition, in line with best practices.

Tips and Tricks 🧐 : Binning: Make a good choice

Binning is an important setting on the microscope's camera that can impact image analysis. Binning essentially decreases the resolution of the images but increases the signal to noise ratio and speed of image acquisition. It does this by combining light from several nearby pixels (often $2 \times 2 = 4$) into a single pixel. Binning therefore can be helpful if you have dim samples, but you may want to avoid it if the objects you care about are very small (only a few pixels across) since you could lose important information about their size and shape.

Thank you all for using the ICM.Quant platform. We strongly believe in the spirit of sharing! 🤝



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