Whom we can support

Our instruments are available for researchers, students and teachers from the Faculty of Science. Additionally, users from other faculties or institutes outside the university, spin-off companies and other commercial enterprises are welcome to use our infrastructure. Please do not hesitate to ask us for terms and conditions of usage.

What we offer

We provide high-end scientific equipment and we offer establishment, configuration, operation of methods, together with user-oriented guidance for designing experiments, performing measurements and interpreting results for the following techniques:

- **Electron microscopy**: SEM (with a cryo-unit) and TEM (also with cryo-tomography and EDS detection), various coaters, high-pressure freezer and (cryo)-ultramicrotomes.
- **Light microscopy and image analysis**: Confocal LSM and fluorescence microscopy, deconvolution microscopy, live imaging, image processing and automated image analysis, Bright-field / phase-contrast / DIC / polarization / dark-field microscopy.
- **Element analysis / Stable Isotope analysis**: Emission / Absorption spectrometric, mass spectrometric, chromatographic or colorimetric analysis of elements, Stable Isotope Analysis using combustion / pyrolysis technique coupled with isotope-ratio-mass-spectrometry.
- **Separation techniques**: HPLC system with autosampler for derivatisation, UV and fluorescence detection (dedicated for amino acids).
- **Other laboratory techniques**: Plate-reader, mixer/mill, ultracentrifugation, Tandem-MS, MALDI-TOF.

Who we are

The General Instrumentation (GI) is a supporting department of the Faculty of Science of the Radboud University in Nijmegen. Faculty of Science "Excels as Europe's leading high-level research institution and higher education provider of multidisciplinary expertise in the fields of science, technology, and health."

The General Instrumentation (GI) hosts advanced electron and light microscopy techniques and medium-to-large analytical instruments.

How to reach us

- **Website**: www.ru.nl/science/gi/
- **Equipment & Booking**: https://bookings.science.ru.nl
- **Facebook**: www.facebook.com/generalinstrumentation/
- **Visiting address**: Department of General Instrumentation, Faculty of Science, Radboud University Nijmegen, Heyendaalseweg 135, 6525 AJ Nijmegen, The Netherlands.

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