



What is the GI?

The abbreviation GI stands for General Instrumentation, a service department of the Science Faculty of the Radboud University Nijmegen for scientific research and teaching. The GI is a facility that hosts expensive microscopes and instruments for analyses. In this department three specialized technicians take care of proper maintenance and use of the equipment, carry out analyses and observations, guide users in performing measurements and help them with the interpretation of results.

What can be found at the GI?

The GI hosts equipment for the following techniques:

- **Electron microscopy**
SEM (with a cryo unit) and TEM (end 2012, also with cryo-tomography and EDS detection), various coaters and (cryo)-ultramicrotomes
- **Light microscopy and image processing**
Bright-field, phase-contrast, DIC, polarization, dark-field and fluorescence microscopy, CLSM, image processing and – analysis
- **Element analysis**
Emission spectrometry, mass spectrometry or colorimetric detection of elements with devices like ICP-OES and ICP-MS, IRMS, CNS, Flame spectrometers, Auto-analyzers and TOC-L
- **Separation techniques**
Ultracentrifugation (machines and ultra rotors) and amino acid analysis by means of HPLC techniques
- **Other laboratory techniques**
Multiwells-reader, sequencer, gel scanner, mixer mill

For who is the GI?

The facilities and services of the GI are available for ALL researchers, students and teachers of the Science Faculty. In addition, users of other faculties, spinoff companies and institutes outside the university can benefit of the GI equipment and expertise under certain conditions and at costs.

Where is the GI located?

Location: Huygensbuilding, HG01.212 - HG01.246

Website: www.ru.nl/science/gi/

Google map: <http://g.co/maps/a36qe>

General Instrumentation

Science Faculty, Radboud University Nijmegen
Huygens building
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Who is working at the GI?

The permanent members of the GI are:

- **Jelle Eygensteyn**
Elemental analysis and separation techniques
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- **Geert-Jan Janssen**
Electron microscopy
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- **Liesbeth Pierson**
Light microscopy, imaging and ultracentrifugation
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Experientia ac ratione

Through experience and reasoning (Christiaan Huygens - 1629 - 1695)

Faculty of Sciences

Radboud University Nijmegen

