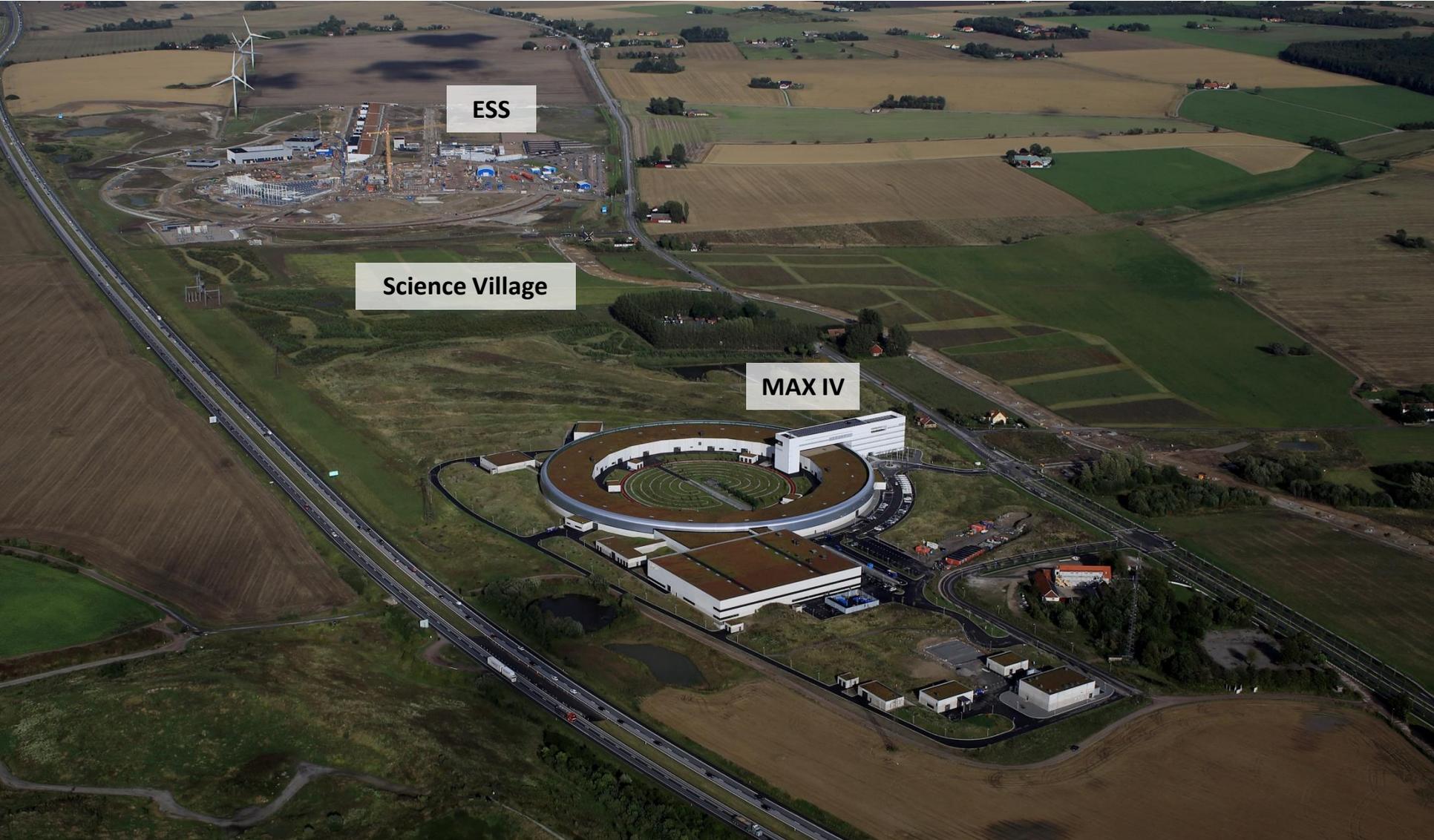




MAX IV Laboratory



ESS

Science Village

MAX IV

MAX IV

SCIENCE
VILLAGE
SCANDINAVIA



EUROPEAN
SPALLATION
SOURCE

MAX IV

MAX-lab at Ole Römers väg (1987–2015)





MAX IV inauguration 21 juni 2016

MAX IV Laboratory

- About 250 employees from 30 different countries
- 16 financed experiment stations, capacity for up to 28
- 8 beamlines in latest user call
- National laboratory

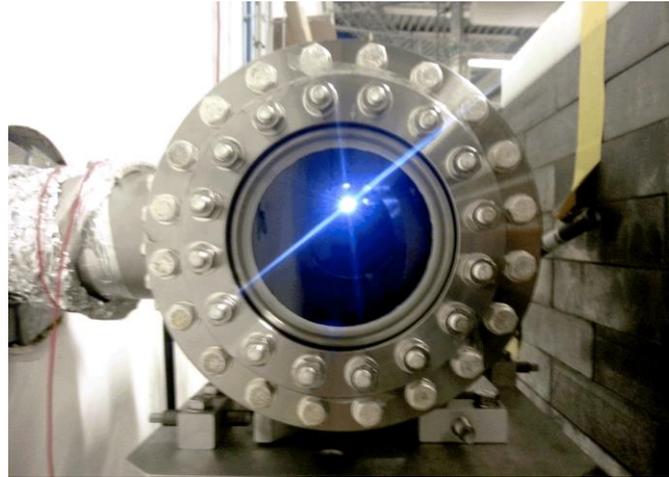


Operator Message 2019-04-10 12:38
 R3: Delivery 250 mA top-up.
 R3: Delivery 250 mA top-up.
 Injector: Delivery

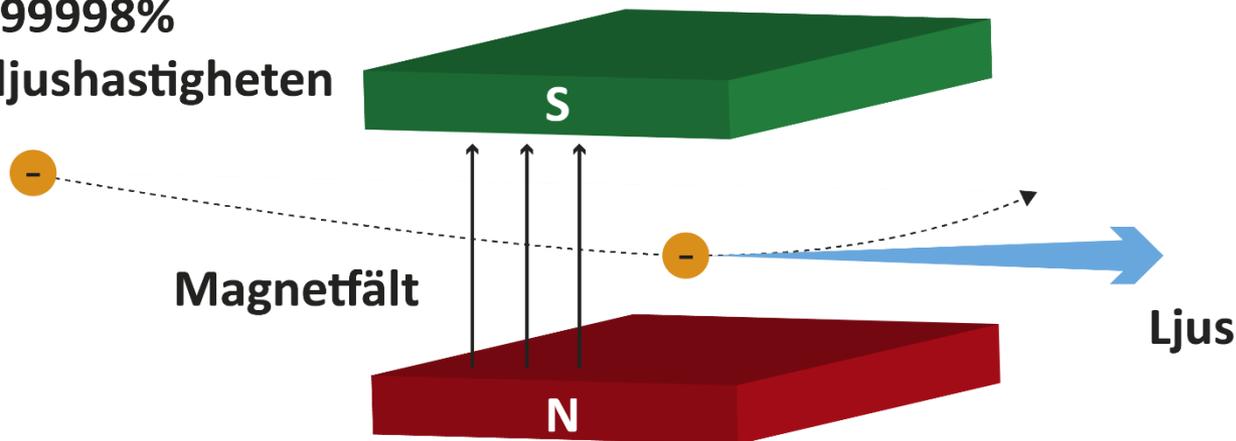
Safety Message 2019-04-10 08:25
 Do not unplug Radiation Safety contacts. This will dump the beam.

Synchrotron light for materials research

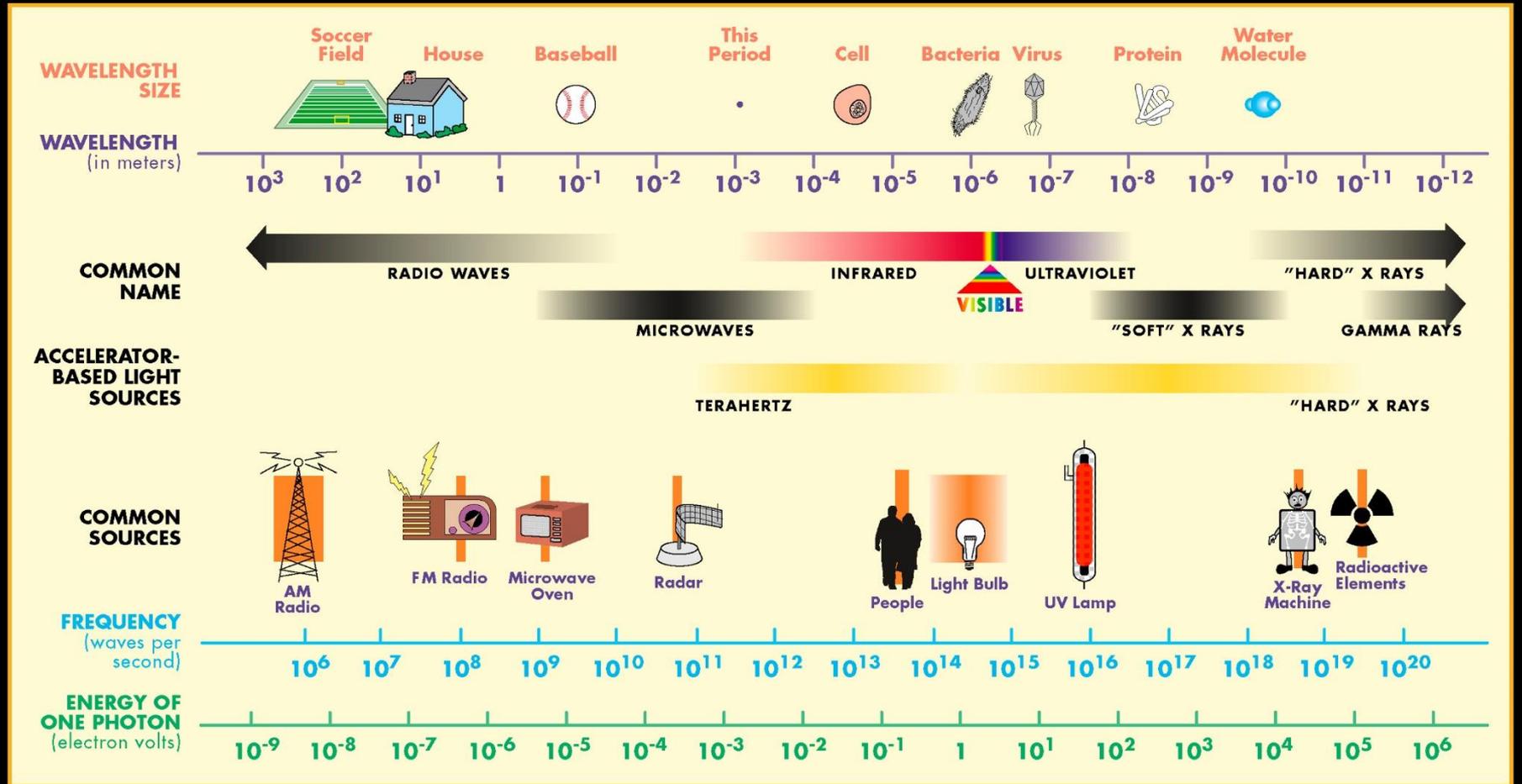
Intense light in a narrow beam that doesn't spread out

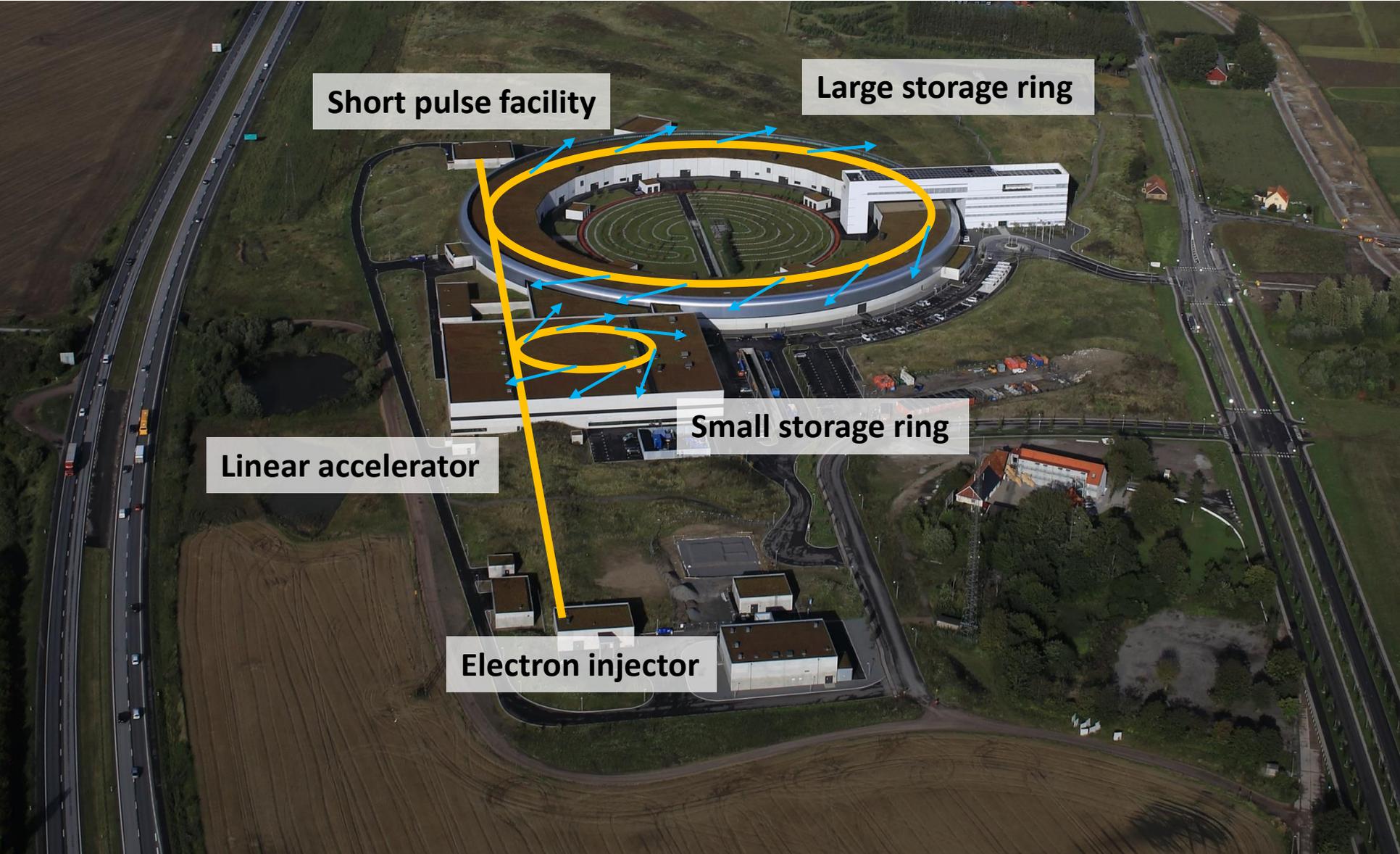


Elektron vid
99.99998%
av ljushastigheten



THE ELECTROMAGNETIC SPECTRUM





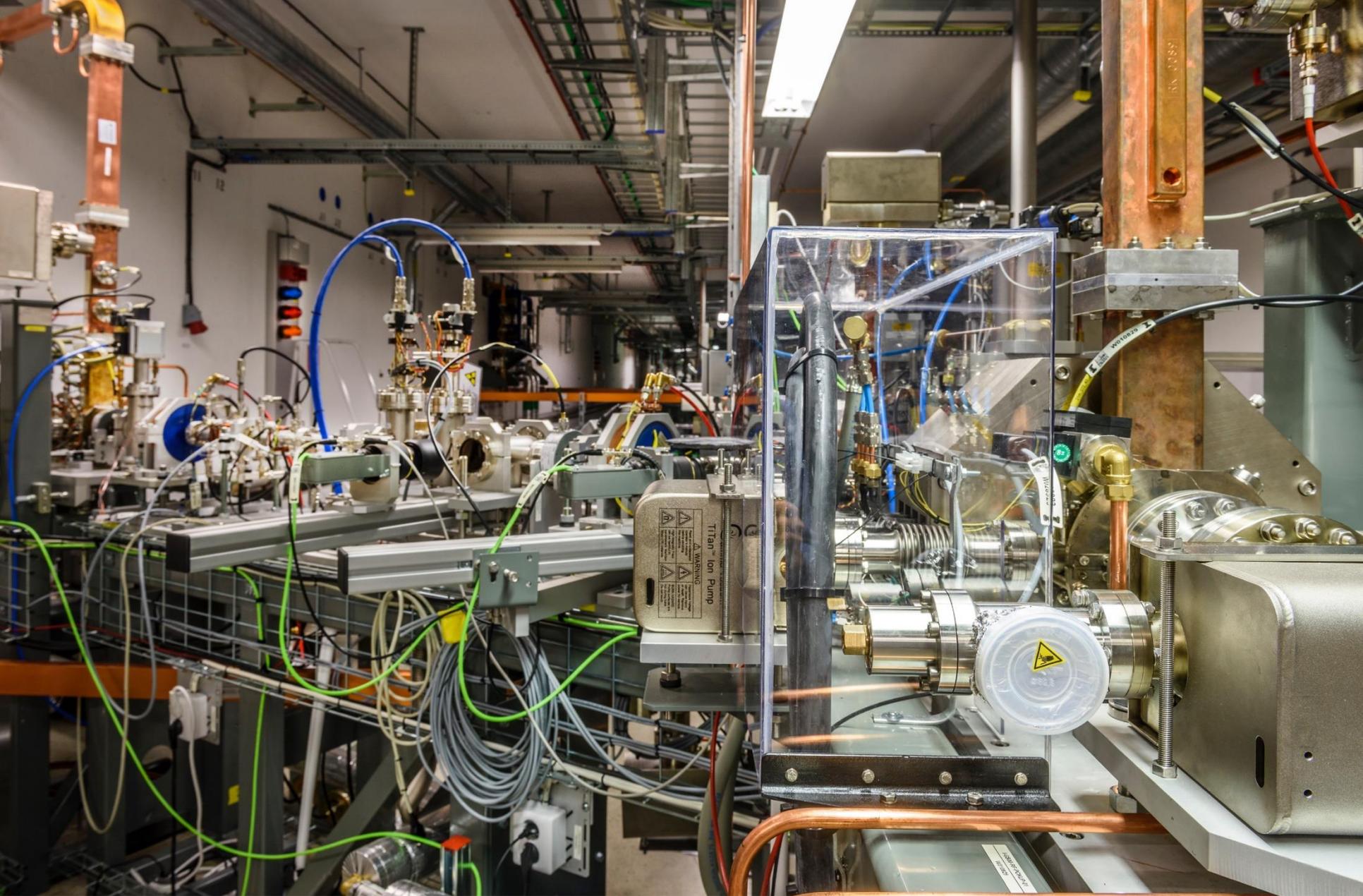
Short pulse facility

Large storage ring

Linear accelerator

Small storage ring

Electron injector



Electron injector

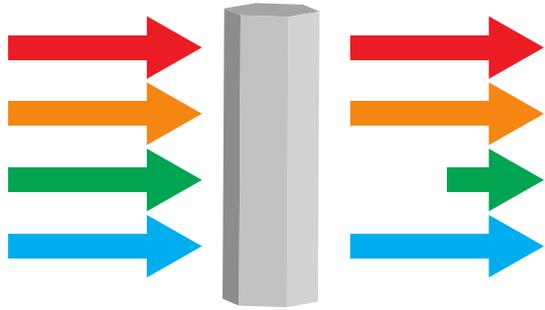


Linac

Large storage ring



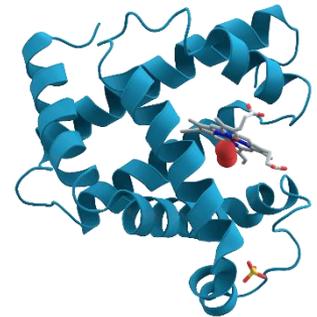
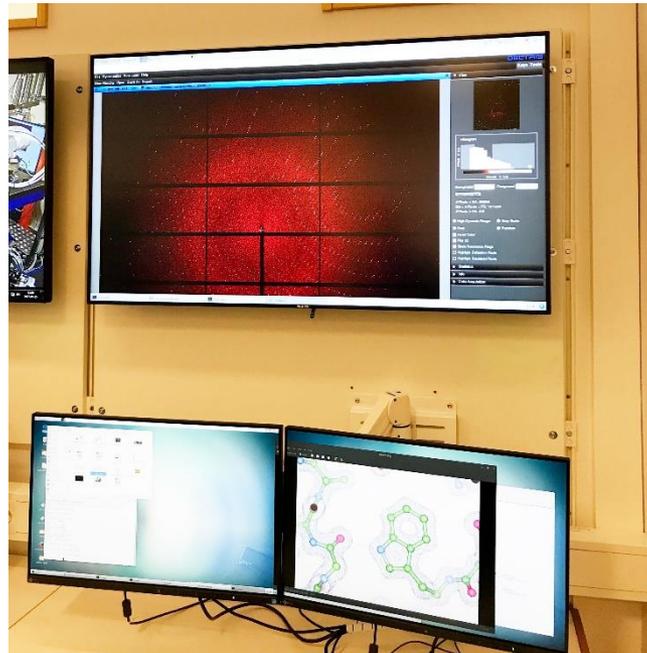
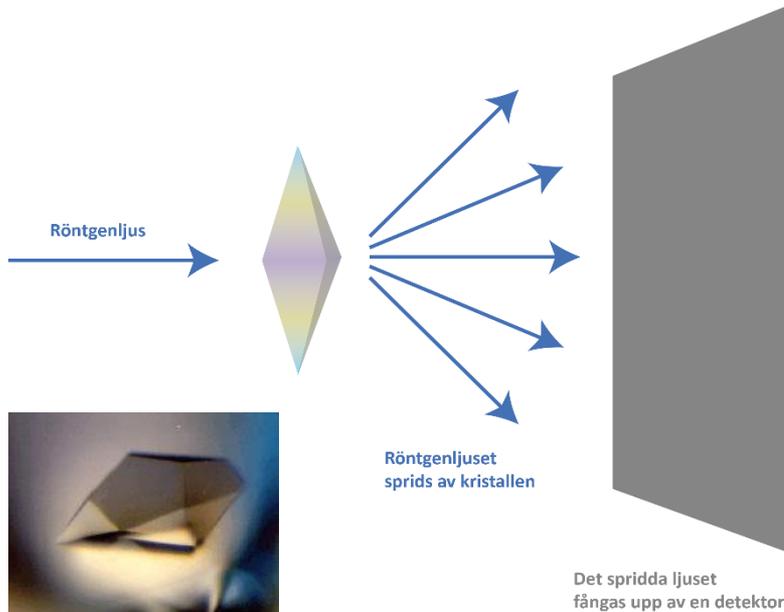
Spectroscopy



Imaging



Scattering and diffraction



Examples of research



Particles and climate change



Fotograf: Mikael Risedal

Life science
and medicine

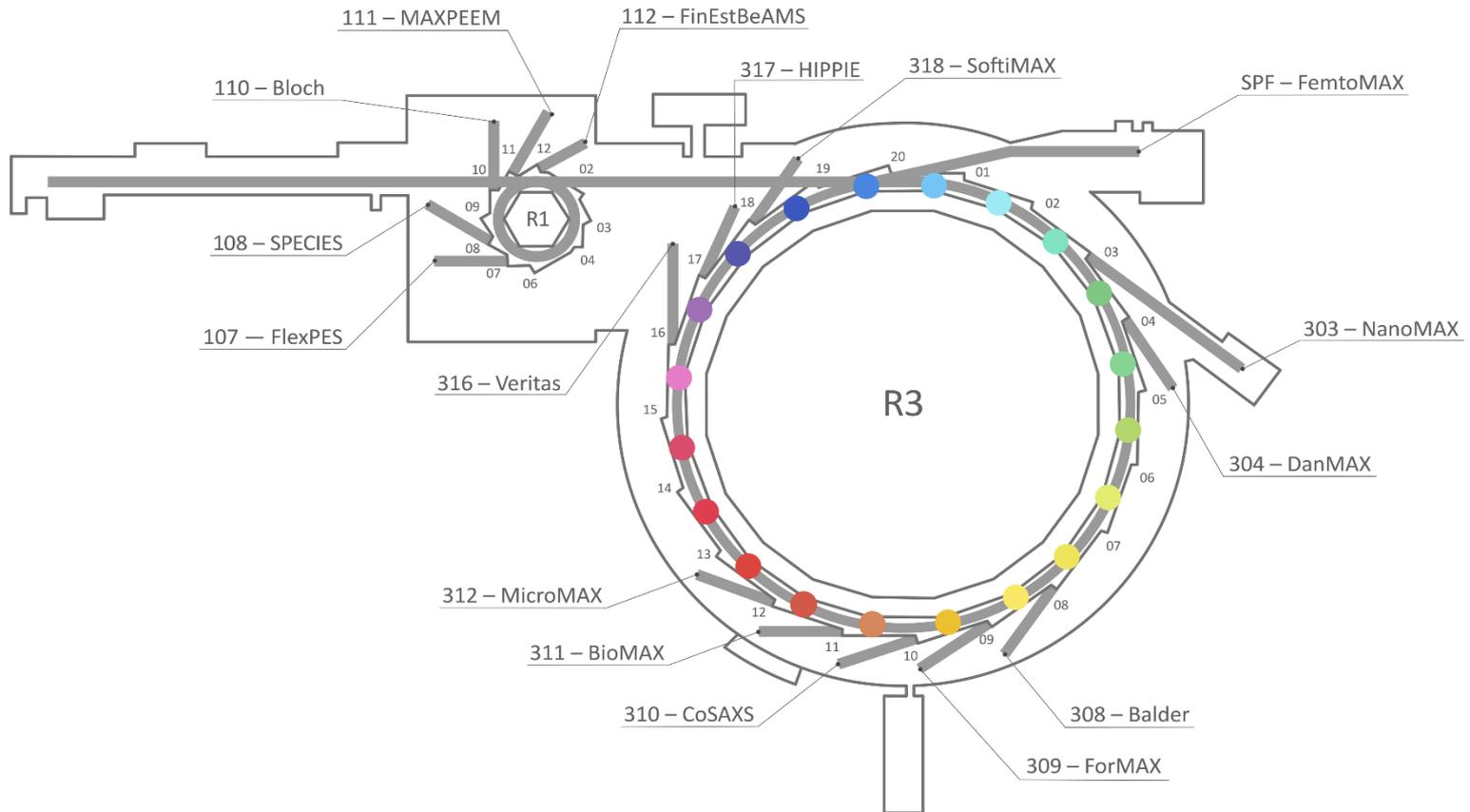


Catalyst materials



Nano materials

Experiment stations – beamlines



European spallation source



EUROPEAN
SPALLATION
SOURCE



Foto: ESS

Science Village



Science Village







MAXIN

The image features the word "MAXIN" in a stylized, grey, sans-serif font. The letters are composed of thick, rounded strokes. A vibrant yellow swoosh, resembling a stylized 'C' or a dynamic underline, curves over the letters 'A', 'X', and 'I'. The swoosh starts above the 'A', loops around the top of the 'X', and ends above the 'I', creating a sense of motion and energy.