



IGSIN

INTERNATIONAL
GRADUATE SCHOOL
IN INTEGRATED NEUROSCIENCE

FACULTY OF MEDICINE - FACULTY OF PSYCHOLOGY - UNIVERSITY OF BERGEN, NORWAY

International Graduate School in Integrated Neuroscience

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How it began ...

- IGSIN was founded in 2005 and started as Research School with stipends from Trier, Greifswald, and Bergen





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IGSIN today

- IGSIN is a joint venture of the Faculty of Psychology and the Faculty of Medicine and Dentistry
- IGSIN has ~20 students from the faculty of psychology and ~20 students from the faculty of medicine and dentistry
- Students have different research areas, ranging from basic neuroscience, genetics, and anatomy, to animal models, functional imaging, and clinical research



IGSIN today

- IGSIN collaborates with the Norwegian Research School in Medical Imaging (MedIm) and Norwegian Research School in Neuroscience (NRSN)
- IGSIN is member of the “Network of European Neuroscience Schools” (NENS), which is part of “Federation of European Neuroscience Societies” (FENS)



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Where are IGSIN students and lab facilities located?



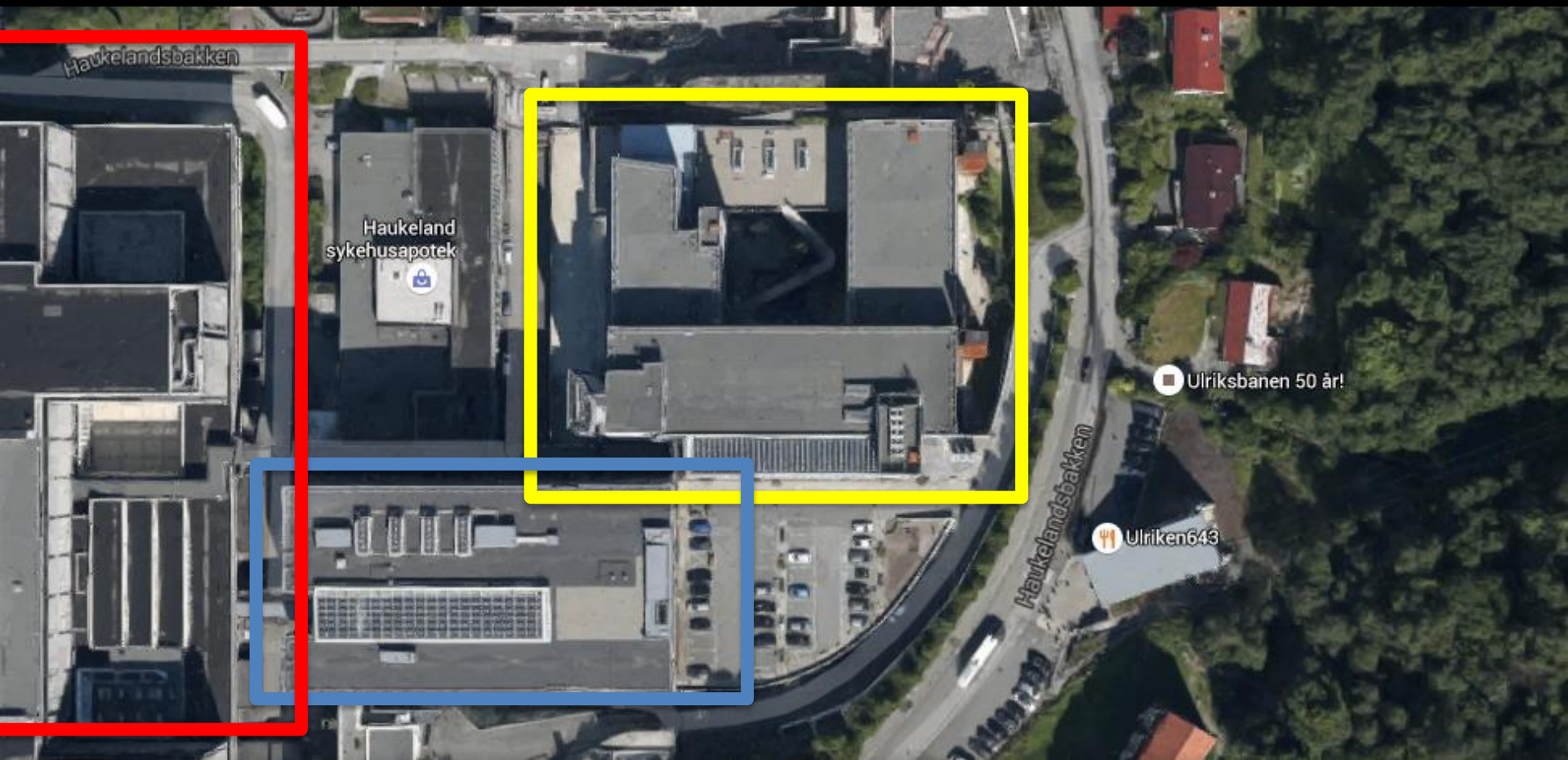


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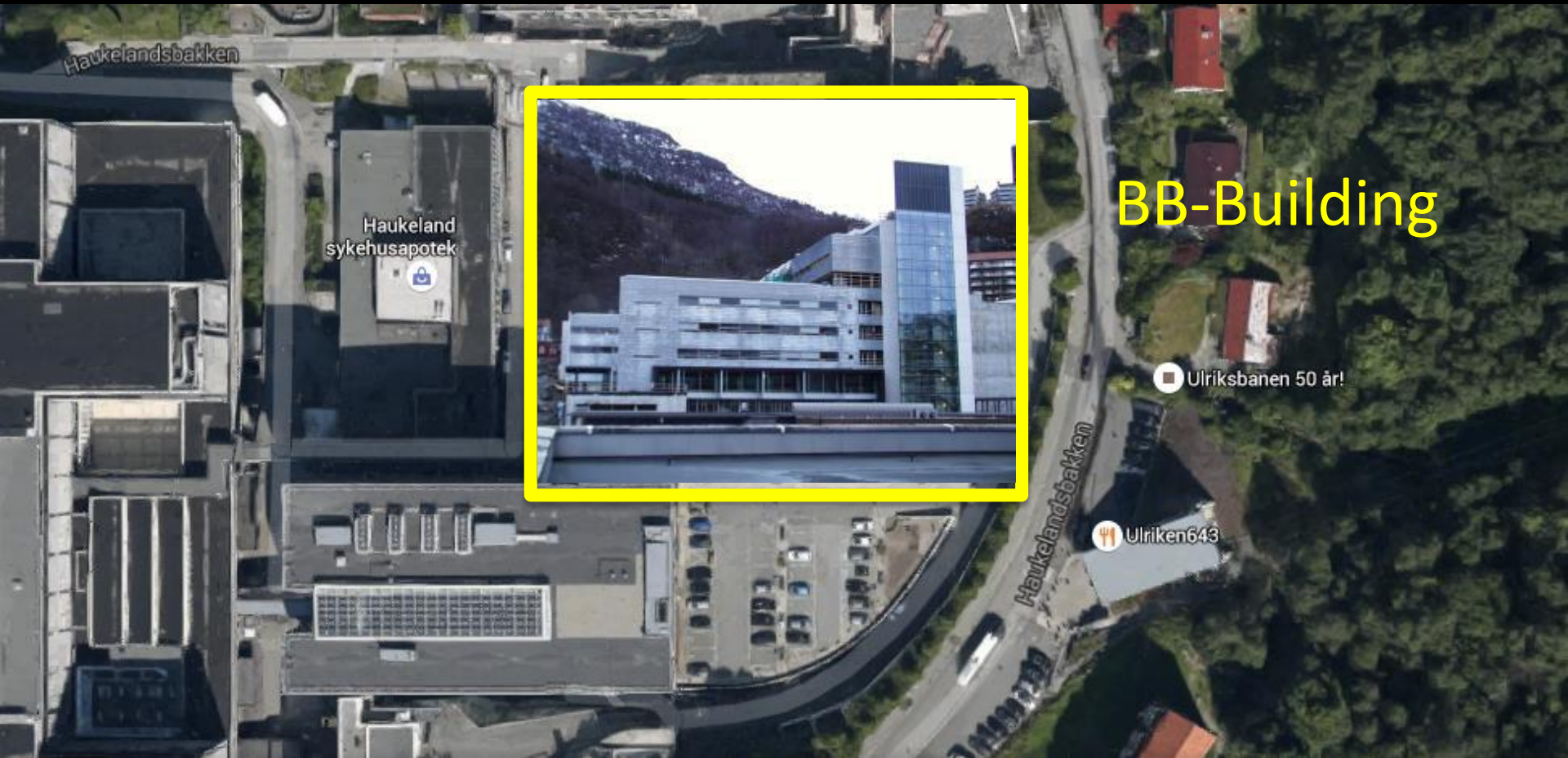
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Where are IGSIN students and lab facilities located?





- **2nd – 7th floor: Biomedicine**
 - ➔ **Basic neuroscience, Animal lab, neuroanatomy**
- **8th & 9th floor: Psychology**
 - ➔ **Neuropsychology, cognitive neuroscience, animal lab, EEG-labs, TMS, etc.**



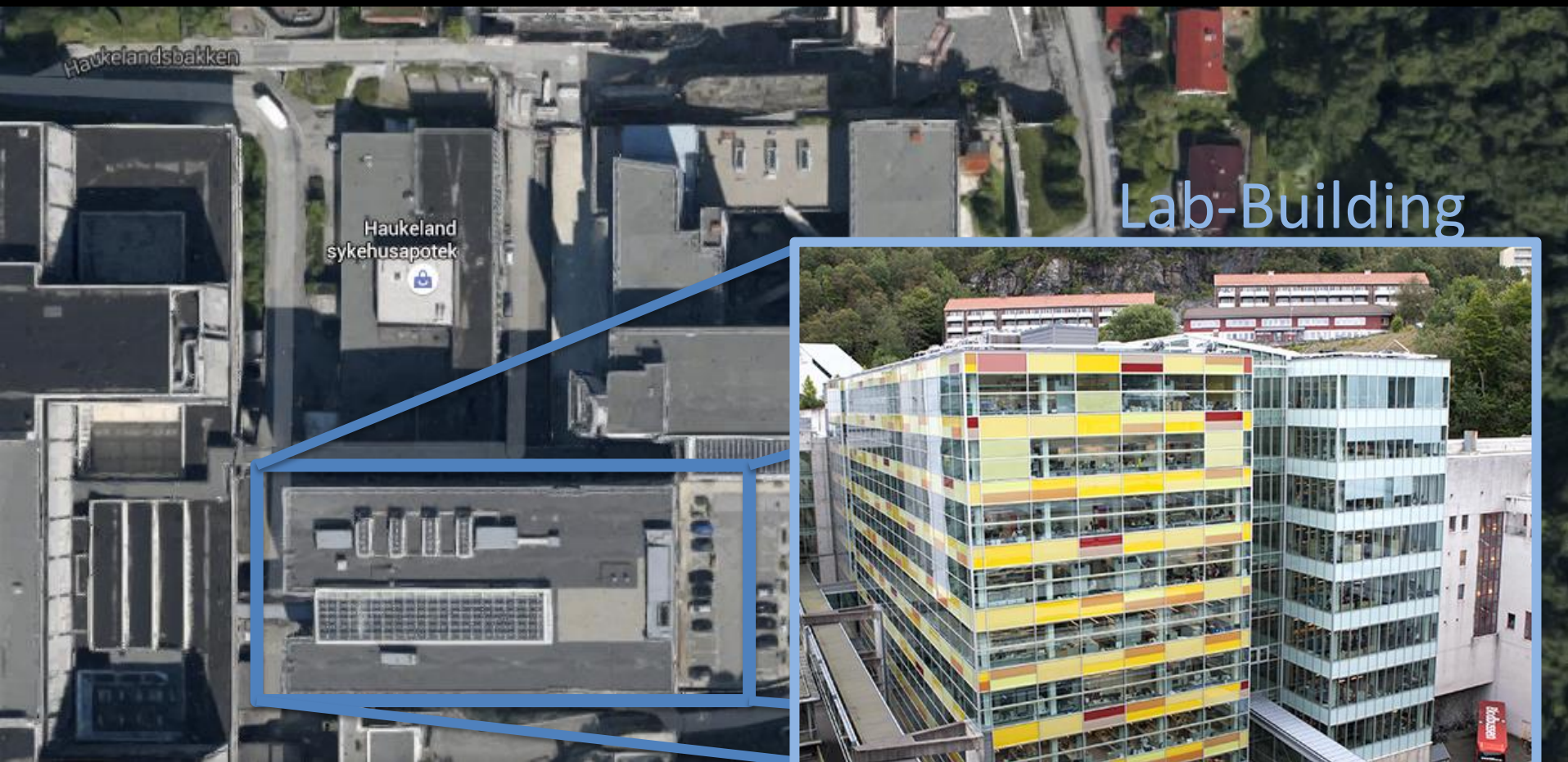


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- Department of clinical science (K1)
- Genetics





- Department of Radiology → (f)MR facilities
- Department of Neurology
- Other departments & disciplines (e.g. Audiology, etc.)





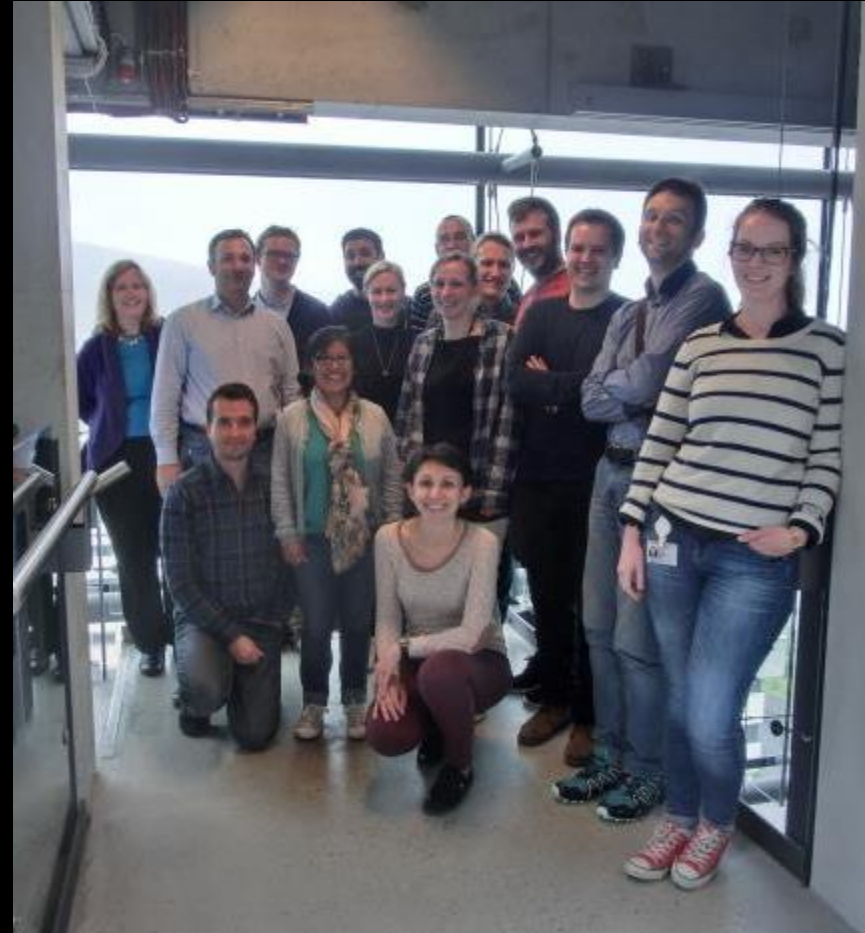
Regular IGSIN activities

- IGSIN offers each fall a course in integrated neuroscience that attempts to cover a broad spectrum of topics:
 - 2 weeks with lectures from basic neuroscience to clinical research
 - Lab demonstrations:
 - Brain dissection
 - Animal lab visit
 - Hands-on EEG and fMRI demonstration
 - Evaluation: Essay → 6 ECTS



Regular IGSIN activities

- Annual courses in functional imaging
 - 1 week course with lectures and hands-on training
 - Course is supported by NRSN & MedIm
 - Evaluation: Essay → 3 ECTS





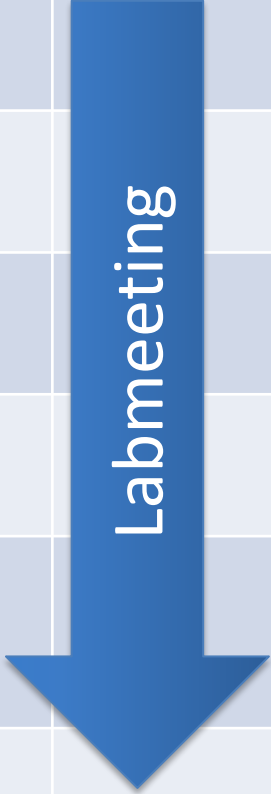
Regular IGSIN activities

- Weekly lab meetings
- From 2016 (?): A one week course on “Sleep and circadian rhythms”
- Other courses “on demand”, i.e. not regularly offered (Plans for 2016: Analysis of longitudinal studies)



Regular IGSIN activities

Spring

Month	Weekly	Seminars
Janurary		
Feburary		
March		Midterm Evaluation
April		
May		fMRI course (3 ECTS, 1 w)
June		Sleep and circadian rhythms (1w)

Fall

Month	Weekly	Seminars
July		
August		
September		Midterm Evaluation
October		IGSIN course (6 ECTS, 2w)
November		
December		

In addition: seminars "on demand"



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Resources

- IGSIN courses are mostly performed by local scientists
- Travel costs for national students are covered by NRSN and MedIm



Future Plans

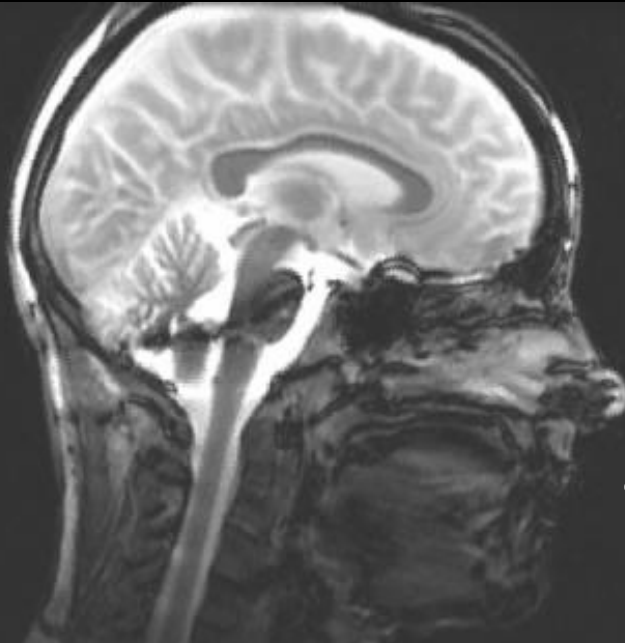
- It is planned to establish focused (national) seminars on specific topics, relevant for subsets of PhD stipends
- Sharpening the international profile of IGSIN by offering courses also to international students (→ NENS/FENS)



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Thank you