

Marble: Research based learning 2021-2022 Generation 13



the mind is not a vessel
to be filled,
but a fire to be kindled

(Plutarch, 46–127 AD)

Marble: selective elective



Between 40 and 60 students will be selected for participation. Students are selected on study results in the first 3 semesters of the bachelor program.

In September, you must be in your third year of study and must have completed all of the courses of the first two years.

Students who are not in the top 20% of their cohort can still be selected in a second round on the basis of a motivation letter and a reference of their supervisor in the research practical.



Marble: tailor-made education



Within the Marble framework, talented and motivated students are encouraged to gain further experience in planning, conducting, analyzing and presenting research individually or in pairs.

Tailor-made Marble is a natural extension to the existing program which allows students to earn credits as part of their electives and write an empirical bachelor thesis on these findings.



Marble: abroad



Students who want to spend some time studying abroad doing research are also invited to apply for a tailor made Marble project abroad. In some cases, students can be supervised by senior scientists who are not a member of the Faculty of Psychology and Neuroscience. In these cases, a member of the FPN staff will be appointed as a local liaison. All the projects must be supervised by an expert on the specific topic of the research. **Please note that only 20 wild cards are on offer for Marble abroad, based on first come first serve.**





Non-natives approaching mørktid: Exploring differences of non-natives and natives in circadian rhythmicity towards the dark period in Tromsø

Marble sailor Johannes Franz



Name of supervisor: Gabriela Wagner

Description: Questionnaires relating to circadian rhythmicity will be used to gather data from native inhabitants of Tromsø as well as non-native inhabitants.

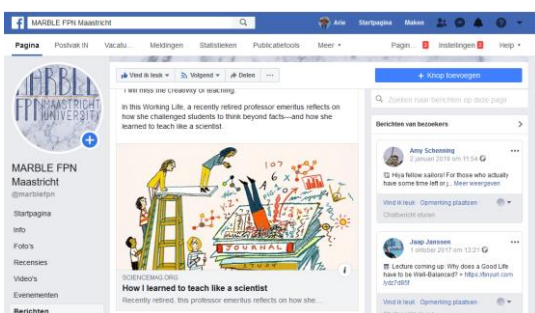
Marble: research themes & topics

tactile perceptual learning-eating behaviour-PBL-emotion recognition-insomnia-consciousness-mental number line-music, emotion & film-fMRI-language-learning-false memories-TOM-religion-fantasy-depth perception-TMS-synesthesia-EEG-autism-attention-perceptual closure-male attitude-stigma-virtuality-IQ-change blindness-driving-culture & teams-framing McDonalds-face recognition-loneliness-aging-multimodal integration-eye and ear witnesses-mental imagery-implicit measures-psychopathology-fear of public speaking-decision making-mental-art-operation beautiful-leadership-game theory-mindfulness-inhibition-drugs-taboo-polarisation-politics-cognitive enhancement-pain-time perception-multitasking-new media-chances-**your dream topic?!**

Marble: supervision

Students are encouraged to also contact supervisors who are active in the research practical. The project coordinator, Arie van der Lugt, will also assist in matching student research interests with those of the scientific staff.

In September, we will also organise a speed dating session where students can meet potential supervisors...



Marble: procedure

1. Selection top 20% (invitation via mail, first week of May)
2. Registration 1st round (deadline 24 May 2021)
3. Registration 2nd round: motivation (25 May-7 June 2021)
4. Selection 2nd round (14 June 2021)
5. Complete list of candidates (21 June 2021)
6. Choice of theme & supervisor (early September 2021)
7. Submit ERCPN proposal (early October 2021)
8. Research Project (End of October-End of January 2022)
9. Write-up empirical bachelor thesis (January-April 2022)
10. Final presentations (July 2022)



The proof is in the pudding

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The sound of size
Crossmodal binding in pitch-size synesthesia: A combined TMS, EEG and psychophysics study

Nina Bien ^{1,*}, Sanne ten Oever ¹, Rainer Goebel, Alexander T. Sack
Department of Cognitive Neuroscience, Faculty of Psychology and Neuroscience, Maastricht University, The Netherlands

Sanne ten Oever published her Marble research as joint first author!



Curious? Talented? Inspired?



Slippery ice is paradise, if you know how to dance!