

**Title thesis: Assesment of attitude and state-of-mind among staff members using TBI's.**Student: *Chris Huyghe*Coach(es): *Christine Ramon*Promotor(s): *Joost Lebbe***Thesis research goal:**

In psychological sensing so-called 'Temper Based Indicators'(TBI's) were recently developped to assess the mental state of athletes. In this research it will be tested if these indicators, their measurement and monitoring, can also be used for non-sportive humans working in stressfull environments. Three temper based indicators: (1) morning temper, (2) concentration capacity and (3) lack of sense of humor will be monitored during several weeks for a small group of staff members.

**Research plan:**

The masterthesis consists of 5 big parts:

1. The introduction and formulation of the research goals
2. A literature review and study, focussing mainly on the subjects (a) TBIs, (b) Statistics in psychosociological research and (c) Interpretation techniques using psychological sensing.
3. Material & methodology: A concrete and clear summary of all conducted research, experimental design and methods used.
4. In integrating discussion of all the results and an evaluation of the research methods.
5. Concluding remarks

The masterthesis is no longer than 80 pages long – the first 40 pages consisting of the first three parts, the latter 40 containing parts 4 and 5 and possible appendices.

**Time scheme:**

- Start thesis in september – if possible literature collection starts earlier.
- Literature study starts in september. Should be handed in beginning of december for reviewing. 'Final' version with corrections finished before the christmas vacation.
- First series of experiments can start in October (finished end of November), second series in February.
- Methodology: writing shoud start in October. 'Final' version handed in at the end of February.
- As soon as data is collected (november), statistical analysis can be done.
- Discussion and conclusions should be created – with regular consultation of the coach – in February and March.

**Important dates:**

- interim evaluation: last week before christmas vacation
- lab closed for maintenance: 10 – 15<sup>th</sup> October (no access to lab)
- coach at conference (limited availability): 1<sup>st</sup> week of March
- deadline to upload manuscript: 8<sup>th</sup> of May

	aug	sep	okt	nov	dec	jan	feb	maa	apr
Researching literature									
Preparation experiments									
Writing literature review									
Conducting experiments									
Writing methodology									
Statistical analysis									
Discussion and conclusions									
Completing manuscript									
		Writing				lab/pc work			

**SIGNATURE PROMOTOR:**