Psychology of Finance (S403052CR, Spring 2022)  
(formerly Introduction to Neuroeconomics and Neurofinance)

IMPORTANT NOTICE (Feb 16, 2022):
Due to administrative reasons the day and time of the course had to be changed. The information listed below is correct and final. We apologise for the late change.

Time (confirmed)

Wednesday 14h15-16h00

Location (confirmed)

(Week 1) Wednesday 23 February 2022 S4-S5 (CMU)  
(all other weeks) Wednesday 2 March - 25 May 2022 D60 (CMU)

Teacher

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Description

This course looks at findings from behavioral and neural sciences (cognitive neuroscience, neuroeconomics and neurofinance; psychology of money, social endocrinology, behavioral finance) to elucidate how humans attach value and make financial decisions. Topics include: fundamental research tools in neuroeconomics, economic preferences, the neurobiology of valuation, choice and learning; neuroforecasting, belief formation, biases, psychology of inequality and others. The course will encourage future thinking and speculation about the potential applications of the state-of-the-art research in supporting individual and collective decision-making.

Objectives

1. Distinguish the role of memory, emotions, motivation and other factors affecting the neural processing of (economic and financial) decision-making (DM);
2. Describe the methodology of neuroeconomics and neurofinance;
3. Comprehend scientific literature in cognitive neuroscience and psychology relevant to monetary decision making;
4. Propose interdisciplinary applications of this science for development of new DM support tools (e.g. wealthtech).
Assessment

- Group project (40%): Applied research innovation proposal consisting of a short video and/or slide deck (+ 10min for Q&A at the end of the term)
- Class participation (15%): attendance, active participation, setting own goals + self-assessment
- Individual assignment(s) (40%): (15%) wikipedia entry (author/reviewer), (20%) present a topic in class.

Office hours

Kerstin Preuschoff is available throughout the semester on Tuesdays, Wednesdays and Thursdays through Moodle messaging/chat, or - by appointment - for in person and zoom-meetings.

Ewa Lombard is available by e-mail or ad-hoc zoom meetings in February and after May 11th, 2022.

Online office hours open to discuss your final presentations will be available in May.