

**Schedule Summer school in “Cognitive Foundations of Decision-Making”**

	Monday, July 22	Tuesday, July 23	Wednesday, July 24	Thursday, July 25	Friday, July 26	Saturday, July 27
09:00–10:50	Neural Foundations	Neural Constraints	Cognitive Representations	Efficient Coding	Bounded Rationality	Computational Complexity: Background
10:50–11:10	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:10–13:00	Neural Foundations	Neural Constraints	Cognitive Representations	Efficient Coding	Bounded Rationality	Keynote: Peter Bossaerts
13:00–14:15	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
14:15–15:45	Information theory	Intro to Structural Estimation in R	Free afternoon	Bayesian Inference	Bayesian Inference	Free afternoon
15:45–16:00	Coffee break	Coffee break		Coffee break	Coffee break	
16:00–17:30	Paper pitch: Sessions 1 & 2	Paper pitch: Sessions 3 & 4		Paper pitch: Sessions 5 & 6		
19:30–	Dinner	Dinner	Dinner speakers	Dinner	Dinner	Dinner speakers

**Modules:**

<i>Bounded Rationality and Strategic Behaviour</i> <b>Larbi Alaoui</b>	<i>Neural Coding, Cognitive Representations, and Decisions</i> <b>Rava Azeredo da Silveira</b>
<i>Computational Complexity and Economic Decisions</i> <b>Peter Bossaerts</b>	<i>Neural Foundations of Decision-Making</i> <b>Joseph Kable</b>
<i>Structural estimation of decision models in R</i> <b>Emmanuel Kemel</b>	<i>An introduction to Information Theory</i> <b>Olivier L’Haridon</b>
<i>Efficient Coding and Decision-Making</i> <b>Rafael Polania</b>	<i>Bayesian inference on choice stimuli as a unifying theory of decision-making</i> <b>Ferdinand Vieider</b>
<i>Neural Constraints, Habit Formation, and Stochasticity</i> <b>Ryan Webb</b>	

### **Paper Pitch**

#### **Session 1: Abdellaoui, Azeredo da Silveira, L'Haridon, Polania, Vieider**

Gabriele Ballicu: *Altruistic excuse to risk: An experiment on prosocial risk-taking*

Levent Gumus: *Noisy coding model of Confirmation Bias*

Rastislav Rehak: *Sequential Sampling Beyond Decisions? A Normative Model of Decision Confidence*

#### **Session 2: Alaoui, Bossaerts, Kable, Kemel, Webb**

Melvin Marti: *Decomposing financial decision-making with feedback*

Siting (Estee) Lu: *Attention as a Scarce Resource: Costly Job Search with Inattentive Workers*

Claire Rimbaud: *Playing Dumb to Look Green?*

#### **Session 3: Azeredo da Silveira, Kable, Kemel, L'Haridon, Webb**

Leslie Tricoche: *The neuro-cognitive processes of moral decision-making*

Matthew Robson: *Within and Between Group Health Inequality Aversion*

Michelle Lee: *Are consumer financial decisions too hard? The case of credit cards*

#### **Session 4: Abdellaoui, Alaoui, Bossaerts, Kable, Vieider**

Zheng Li: *Computational Complexity and Human Prospective Evaluation of Task Difficulty*

Li Zhaowei: *Randomization in risk, social and time preferences*

David Ricardo Gonzalez Jimenez: *Learning Gaps? Decision under Described and Experienced signals*

#### **Session 5: Abdellaoui, Kable, Kemel, L'Haridon, Vieider**

Jilong Wu: *Whether And How Probability is Weighted When It Is A Matter of Time?*

Helen Grapow: *Eliciting beliefs - a comparative study*

#### **Session 6: Alaoui, Azeredo da Silveira, Polania, Webb**

Charlotte Cordes: *Incentives, Memory and Discrimination*

Qixiu Fu: *The Role of Social Identities in Depression Symptomatology*

Safaan Sadiq: *Modeling bias in decision-making circuits*