

# Brown Bag Seminar

# 2021.5.26

**JP**  
Simultaneous  
Interpretation  
**EN**

**Online  
(Zoom)**

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Recorded data will be uploaded

**12:10**  
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**12:50**

**12:10-12:15 Introduction**  
**12:15-12:40 Seminar (Presentation)**  
**12:40-12:50 Q&A**

## Meta-decision-making: The Science of How We Make Decisions

Chair: Prof. **Scott Valentine** (Research Promotion Director of Q-AOS)

How does the way we present decision problems influence the decision-making? How does the way we ask a question influence the answer that we get? In this seminar, I will focus on the various cognitive biases and heuristics that shape the information-processing during decision-making. In setting the space for deliberation, decision-makers make crucial meta-decisions in how much time, effort, and information-processing they invest toward making decisions. These meta-decisions crucially impact on the quality and speed of decisions, the role of emotion and habitual processing, as well as on the positioning with respect to opportunity costs. The goal of the present scientific approach is to systematically identify the potential adverse effects from such meta-decisions, and to develop optimal strategies for decision-making that aims for rationality, fairness, and well-being.



**Professor  
Johan Lauwereyns, PhD**  
Vice-President for International Affairs

**Kyushu University, Faculty of Arts and  
Science, School of Interdisciplinary  
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Johan Lauwereyns (1969) obtained a Ph.D. in Cognitive Science at the University of Leuven in Belgium in 1998. He conducted research on the cognitive and neural mechanisms of decision-making at Juntendo University in Japan, the U.S. National Institutes of Health, and Victoria University of Wellington in New Zealand. In 2010 he shifted to Kyushu University. Recently, in addition to his research on decision science, Lauwereyns particularly focuses on making decision science relevant for policymaking in areas like bioethics. He has published widely, including academic papers in journals such as *Nature* and *Neuron*, monographs with The MIT Press, and essays and fiction in his native language, Dutch.

**Key Words**

"Decision-Making"  
"Signal-to-Noise Ratio"  
"Speed-Accuracy Tradeoff"  
"Opportunity Costs"



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