Trieste Encounters in Cognitive Sciences: timing and temporal cognition

Monday, June 12, 2017 - Friday, June 16, 2017 SiSSA Main Campus

Book of Abstracts

Contents

Welcome and Introduction	1
Welcome and Introduction	1
Neural oscillations: time metrics for information processing in the brain	1
The neural genesis of reward timing	1
The time scales of neural population coding in sensation and perceptual decisions	1
The conscious time arrow in our mind	1
A general theory of intertemporal decision making and the perception of time	1
Adaptive processes in time and timing	1
Students presentation	2
Time perception without clocks	2
Temporal cognition and neural oscillation	2
Temporal channels as revealed by human psychophysics	2
Students presentation	2
Temporal cognition and neural oscillation	2
Temporal channels as revealed by human psychophysics	2
Neural signatures of time Really?	3
Continuative Timing: A New Theory to Explain Timing in Everyday Life	3
Circuits and mechanisms for temporal categorization	3
Circuits and mechanisms for temporal categorization	3

15

Welcome and Introduction

16

Welcome and Introduction

17

Neural oscillations: time metrics for information processing in the brain

18

The neural genesis of reward timing

19

The time scales of neural population coding in sensation and perceptual decisions

20

The conscious time arrow in our mind

21

A general theory of intertemporal decision making and the perception of time

Adaptive processes in time and timing

23
Students presentation
24
Time perception without clocks
Time perception without clocks
25
Temporal cognition and neural oscillation
26
Temporal channels as revealed by human psychophysics
27
Students presentation
Students presentation
28
Temporal cognition and neural oscillation
29

Temporal channels as revealed by human psychophysics

31

Continuative Timing: A New Theory to Explain Timing in Everyday Life

32

Circuits and mechanisms for temporal categorization

33

Circuits and mechanisms for temporal categorization