University of Haifa | Minerva Stiftung Gesellschaft für die Forschung m.b.H | Technion

The Max-Wertheimer Minerva Center for Cognitive Processes and Human Performance

אנו שמחים לארח את

ד"ר נחשון מירן

מהמחלקה למדעי ההתנהגות וממרכז זלוטובסקי
באוניברסיטת בן גוריון בנגב

ההרצאה תהיה בנושא:

A modeling framework for identifying global stratgies in switching between speeded classification tasks

In the talk I will present a mathematical modeling framework for identifying global strategies in switching between speeded classification tasks: Control by Action Representation and Input Selection (CARIS). CARIS is an extension of an already published model (Meiran, 2000). The main assumptions are (a) that control is based on selection of information, (b) there is a common representational domain of stimuli and responses, and (c) response selection is based on determining the similarity of stimuli and responses. The strategies described in CARIS differ from one another with respect to control mode and the locus on which control is applied: either input selection or response representation. The control modes are either dynamic or based on learning-through experience ("retroactive adjustment"). Each CARIS model represents a particular global strategy, and the choice of model is based on (a) maximum likelihood fit indices, (b) Parameter plausibility, (c) the ability of the model to explain the significant patterns in the results as revealed by ANOVA, and (d) experimental tests of model predictions.

ההרצאה תתקיים ביום ה' ה 7 למרץ 2002 **בשעה 12:30**
בחדר סמינרים במרכז לבטיחות ועבודה בהנדסת אנוש בטכניון.
נשמח לראותכם בין אורחנו.

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