Key Publications by Topic (out of over 300)

Nonequilibrium Phase Transitions (Self-Organization) in Biological Coordination


Theoretical Modeling of Biological Coordination


**Nonequilibrium Phase Transitions (Self-Organization) in the Human Brain**


**Theoretical Modeling of Brain & Behavioral Coordination**


Computational Modeling of Neural Coordination


Metastability


1/f fluctuations


Coordination Dynamics


Coordinative Structures


Discrete Movements


Rhythmic Movements


**Sensorimotor Coordination: Experiment & Theory**


**Multi-limb Coordination: Experiment & Theory**


**Multifrequency Coordination: Experiment & Theory**


Social Coordination: Experiment & Theory


'Anchoring'/ Parametric Stabilization: Experiment & Theory


Intentional dynamics: Experiment & Theory


### Learning: Experiment & Theory

--Experiments


--Theoretical Modeling


### Recruitment and annihilation of new degrees of freedom: Experiment & Theory


Trajectory Formation: Experiment & Theory


Motor Control

--Behavioral Studies (kinematics)


--Major Reviews


**Motor Memory**


**Motor Development**


**Perception**

--Vision


--Proprioception/Kinaesthesis/Touch


---Auditory, Speech and Music Perception---


---Speech Motor Control---

---Theoretical Background---


---

**Physiological studies**


---

**A Sampling of Clinical Studies**


**Reviews & Syntheses**


Tutorials

