

Rhythms and the brain :

Studies of neural dynamics of beat perception



講演者 **John R. Iversen 氏 (Ph.D.)**

カリフォルニア大学サンディエゴ校 スウォーツ計算神経科学センター
計算神経科学研究所

日時 2015年6月22日(月) 13:30-14:30

場所 筑波大学 筑波キャンパス 春日エリア
情報メディアユニオン3階 共同研究会議室1

講演概要

Rhythm and dance are a fundamental forms of human interaction. The ability to perceive rhythmic regularity and organize our movements around it is quite rare in the animal world, and provides a rich area in which to ask questions about the origins of music, and how our perceptions of the world are actively shaped in our brain. Music has turned out to be a powerful tool to study fundamental brain processes, such as how our perceptions of the world are jointly shaped by external stimuli and internal interpretation.

In this talk I will present an overview of several studies that have examined different aspects of rhythm perception and production in humans, including the impact of culture on rhythm perception, comparison of rhythm perception in hearing and Deaf individuals, and the neurobiology of rhythm perception, leading to the ASAP (Action stimulation for auditory perception) hypothesis positing the importance of the motor system for auditory perception. We will also discuss the relevance of this work for education and health.

※本講演は英語で行われます。 学生、教員、一般、学内外を問わず、

どなたでもご自由にご参加下さい。参加費無料、参加申し込み不要。

主催：筑波大学 知的コミュニティ基盤研究センター <http://www.kc.tsukuba.ac.jp/index.html>

お問い合わせ：メール kc-office@ml.cc.tsukuba.ac.jp

電話 029-859-1524 (学内：内線81524)