特別招待講演 (SL04)

—— 第 2 日 11 月 4 日 (土) 13 : 00 ~ 15 : 00 ——

5F 国際会議室 501

Representing motion in a static image 静止画像における動きの表現

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講演者の紹介

Cutting 教授は、1947 年にワシントン D.C.で生まれ、1969 年にノースカロライナ大学で修士号を、1973 年にエール大学で PhD をとった後、エール大学、ウェスレヤン大学を経て、1980 年からコーネル大学に移り現在、教授として教鞭をとっている。100 を越える論文と 2 冊の本を執筆する傍ら、1989-1993 年には JEP:HPP、2003 年からは Psychological Science の編集長としても活躍しており、Psychonomic Bulletin & Review や Cognition、Cognitive Psychology などの編集にも携わってきた。運動視や奥行知覚、レイアウト知覚、あるいは wayfinding などの基礎的な知覚研究を行うとともに、芸術や映画の研究でも知られ、1993 年には西洋美術における奥行表現に関する研究で John Simon Guggenheim Memorial Fellowship を受賞している。なお、大学に勤める前には、Atari Sunnyvale Research Laboratory の研究員や、プロのダンサーでもあったなど、多彩な経歴をもった才人でもある。詳しくは下記を参照。
<http://www2.psych.cornell.edu/cutting/>

講演の内容

Representing motion in a picture is a challenge to artists, scientists, graphic artists, and all other image makers. Moreover, it presents a problem that will not go away with electronic and digital media, because of the pedagogical purpose of the representation of motion is more important than the motion itself. All satisfactory solutions evoke motion - for example, dynamic balance (or broken symmetry), stroboscopic sequences, affine shear (or forward lean), and photographic blur - but they also typically sacrifice the accuracy of the motion represented, a solution often unsuitable for science. Vector representations superimposed on static images allow for accuracy but are not applicable to all situations. Workable solutions are almost certainly case specific and subject to continual evolution through exploration by imagemakers.

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