第 2 回制御理論ワーキングセミナー

日時：2013 年 10 月 1 日（火）　15：00 ～ 16：30

会場：名古屋大学 東山キャンパス　工学部 2 号館 222 講義室

(キャンパスマップ：　http://www.nagoya-u.ac.jp/access-map/index.html /)

Speaker：　Prof. Fuchun Sun

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Title：　Multimodal Information Fusion for Robot Fine Operation

Abstract：

　　　In this talk, some basic concepts of multimodal data fusion are introduced, and main theoretical advances and applications are reported for robot fine operations as well. Firstly, it is explained that why multimodal data fusion is required and what is its physiological foundation. Then, an array sensing device is introduced that is used for multimodal data acquisition in the robot fine operation. Furthermore, the objective recognition based on multimodal data fusion and the experience-based control approaches are proposed for robot fine operation. Finally, some experimental results are demonstrated and the future research directions are given.

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