

平成 23 年 6 月 7 日

講演会のお知らせ

下記要領にて、講演会を開催いたします。興味をお持ちの教職員、学生の皆様の多数のご参加をお待ちしております。なお、講演は英語で行われます。

記

日 時：平成 23 年 6 月 10 日(金) 16:40～17:40

場 所：石川台 6 号館 325 号室

講演題目：Calibration and measurement of the stiffness of robots using image processing

講 師：Prof. Eduardo Castillo Castaneda（現在、武田研の客員研究員）

Instituto Politecnico Nacional

CICATA Unidad Queretaro, Mexico

講演概要：The precision and rigidity are key concepts that determine the performance of any manipulator. Devices to quantify these variables are generally quite expensive and limited in the workspace that can cover, also are not well adapted to measure the orientation of the manipulator. The aim of this talk is to present a technique for data acquisition and image processing to measure with high precision, the position and orientation of the end effector of any manipulator. These measurements are used for robot calibration purposes and to estimate its stiffness in a large workspace.

世話教員（連絡先）：機械物理工学専攻 武田行生

Tel./Fax. : 03-5734-3557

E-mail: takeda@mech.titech.ac.jp

以上