

医療健康情報技術研究センター 2014年度第5回講演会

The 5th HiMED Seminar (FY2014)

2015年1月23日(金) 15:30 ~ 17:30 6号館 6224 教室

JANUARY 23, 2015, 0330PM-0530PM@6224

Invited talk 1 (1530-1630)

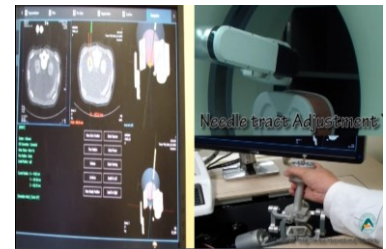
“MEDICAL-IMAGE-BASED COMPUTER- AND ROBOT-ASSISTED SURGERY”

(邦題：画像誘導下のコンピュータロボット手術支援)



Professor NamKug Kim, PH.D.

ASAN MEDICAL CENTER, RADIOLOGY,
ULSAN COLLEGE OF MEDICINE, KOREA



Invited talk 2 (1630-1730)

“COMPUTATIONAL ANATOMY MODELING OF ABDOMINAL ORGANS AND MUSCULOSKELETAL STRUCTURES FOR MEDICAL IMAGE ANALYSIS AND COMPUTER-ASSISTED SURGERY”

(邦題：計算解剖学に基づく腹部臓器・筋骨格の画像解析と手術支援)



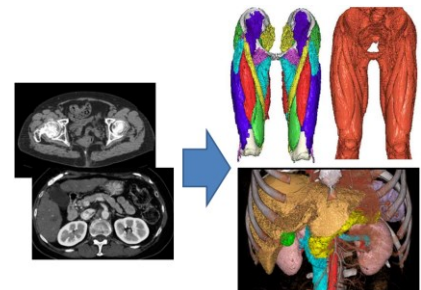
Professor Yoshinobu Sato, PH.D.

GRADUATE SCHOOL OF INFORMATION SCIENCE,
NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, JAPAN

<http://icb-lab.naist.jp/index.html>

佐藤嘉伸教授 奈良先端科学技術大学院大学情報科学研究科

Abstract: In human anatomy, multiple structures are interrelated and hierarchically organized. We present computational anatomy modeling approaches which incorporate these interrelations and hierarchization to perform automated segmentation and identification of patient-specific anatomy of abdominal organs and musculoskeletal structures from medical images. Further, the approaches are extended so as to address automated surgical planning.



Language(言語) :

English(英語)

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