

*Joint Seminar by NIRS Researcher Society  
and Gunma University Leading Program*

# Verification of Stopping Power Prediction from Dual-Energy CT Data in Tissue Surrogates and Comparisons of Patient Images to Single-Energy CT

*Calibration of CT data to the relative stopping power ratio is one of the most important uncertainty sources in ion treatment planning. Dual energy CT scanning allows calculating the electron density and the effective atomic number. A first comparison of water-equivalent path length predictions from dual and single energy CT for a head and neck patient is presented.*

## LECTURER

NORA HÜNEMOHR from HIT, Germany



## TIME & PLACE

Jan. 30, 2014 13:30~

@ NIRS Suishin-to Seminar Room (B1F)

## PROGRAM

13:30-15:00      Lecture

15:00-16:00      Discussion (NIRS and Gunma-U.)

Admission Free (参加費無料)

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