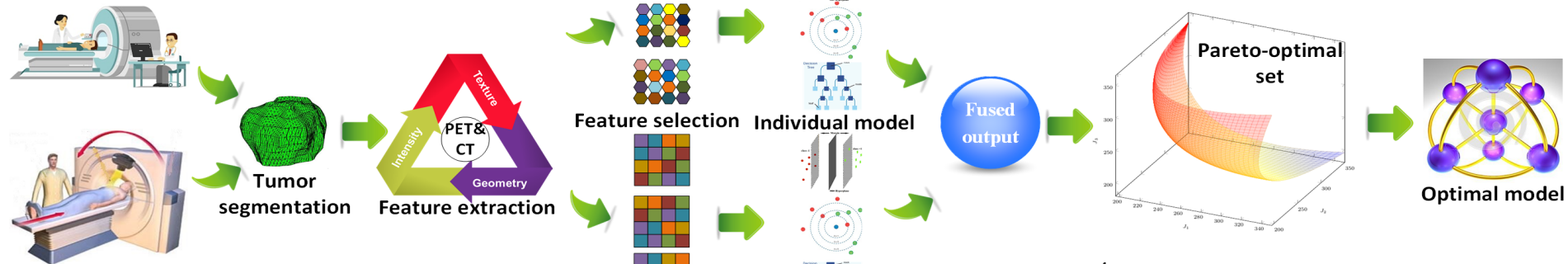Abstract Title: Early Prediction of Locoregional Recurrence in Head & Neck Cancer After Radiation Therapy Through Multifaceted Radiomics

❖ *Proposed a unified framework named as multifaceted radiomics (M-radiomics).*

❖ *Proposed a new reliable classifier fusion strategy (RCF) and a new recursive two stage hybrid training algorithm (RTSH).*

Presenting Author: Zhiguo Zhou, Ph.D.
Session Title: Multimodality,
Optical Imaging, and Ultrasound
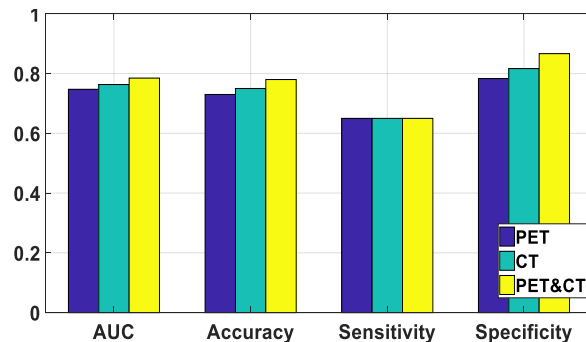Date and Time: 07/31/2018| 4:30PM — 6:00PM
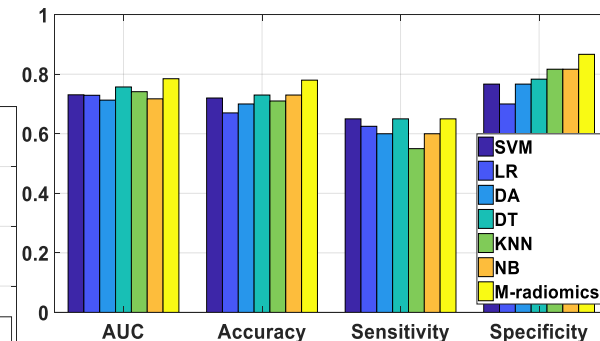
Fig. 1: Results for three modalities.

Fig. 2: Results for six individual classifiers and M-radiomics.