

- Does patience ever pay (in segmentation) ?
- Is the paradigm of multiple hypothesis tracking (MHT) any good for extracting airway trees?
- Can structures of varying dimensions be extracted with a scale independent threshold?
- What about handling branching?
- How about a fully automatic airway extraction method that can improve sensitivity and specificity?

If these questions interest you, then stop by the poster titled .....

# Multiple Hypothesis Tracking (MHT) Based Extraction Of Airway Trees From CT Data

Using statistical ranking of template-matched hypotheses

Raghavendra Selvan

Supervisors: Marleen de Bruijne  
Jens Petersen

Image Group  
Department of Computer Science  
University of Copenhagen