

Detection of bronchus structures in clinical lung images (Airway)

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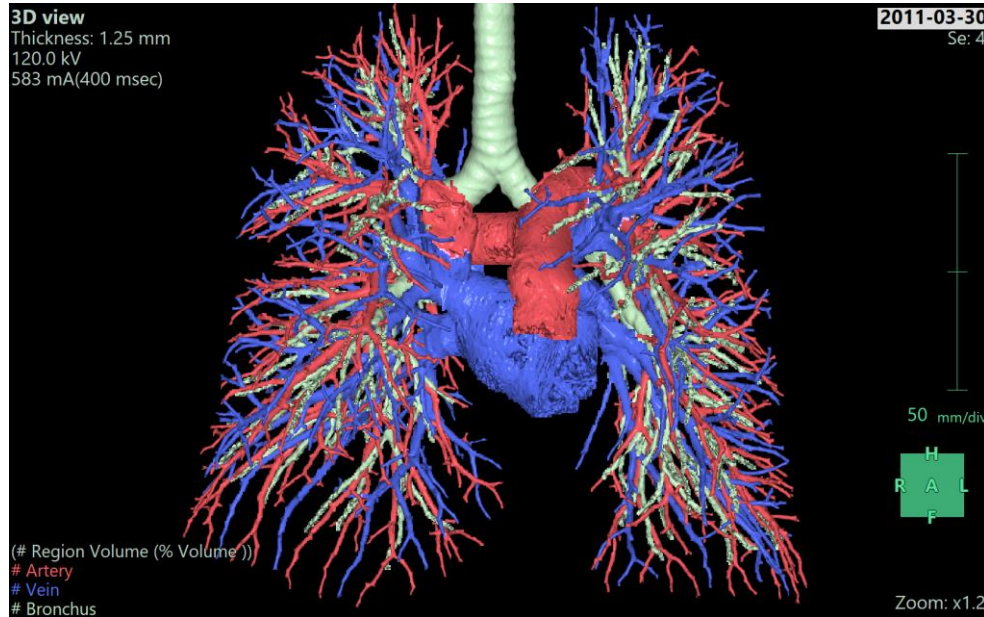
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FUJIFILM

- The anatomical lung structure:
 - Arteries
 - Veins
 - Bronchus
- Structure differences between groups of patients are observed

- Explore the differences in bronchus tree structures between groups
- Data: CTs with bronchus masks from at least 100 patients
- Methods:
 - Tree and graph algorithms
 - Clustering methods
 - Image Processing methods
 - Good visualization of results

- Different difficulty level depending on the size of the group and the type of the project (Projekt/KSWS/Neidi)
- Register in the StudIP class 'KSWS:SB'
- The first lecture will be on 20.04 at 17:00 via video conference. There, further details about the project will be announced. Further information about the video conference will be communicated via StudIP.

Question?

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