

Procedural Planning with Cardiovascular Computed Tomography: TAVR and

Course Directors: Michael Winkler, MD, FSCCT, FICA & Stephen Hobbs, MD

Friday, April 20, 2018: Post Processing Pre-Course

| Begin | End | Session Topic |
|----------------|----------------|---|
| 4:30 PM | 5:00 PM | Registration |
| 5:00 PM | 5:15 PM | Data Visualization in Medical Imaging I : Introduction to Postprocessing techniques |
| 5:15 PM | 5:30 PM | Data Visualization in Medical Imaging II: Volume Rendering and Curved Planar Reformatting |
| 5:30 PM | 5:45 PM | Data Visualization In Medical Imaging III: Segmentation and Transfer Functions |
| 5:45 PM | 6:00 PM | Break/Refreshments |
| 6:00 PM | 6:30 PM | Hands On: Intuition Terarecon "Buttonology" |
| 6:30 PM | 7:00 PM | Hands On: Post Processing Exercises |
| 7:00 PM | 7:10 PM | Walk to Boone Center |
| 7:10 PM | 9:00 PM | Dinner and Reception at Boone Center |

Saturday, April 21, 2018: TAVR and Left Atrial Appendage

| Begin | End | Session Topic |
|-----------------|-----------------|--|
| 8:30 AM | 9:30 AM | Breakfast at Track Kitchen |
| 9:30 AM | 10:00 AM | Keenland Tour |
| 10:00 AM | 10:30 AM | Registration |
| 10:30 AM | 10:45 AM | Acquisition Protocols for TAVR |
| 10:45 AM | 11:00 AM | Anatomy of the Aortic Root |
| 11:00 AM | 11:15 AM | Localization of the Annular Plane |
| 11:15 AM | 11:30 PM | Hands On: Localization of the Annular Plane |
| 11:30 PM | 11:45 PM | Intuition Workflow for Aortic Root |
| 11:45 PM | 12:30 PM | Hands On: Aortic Root |
| 12:30 PM | 1:30 PM | Catered Lunch: Kentucky Cooking from Ramsey's |
| 1:30 PM | 1:45 PM | Intuition Workflow for Iliofemoral Arteries |
| 1:45 PM | 2:30 PM | Hands On: Iliofemoral Arteries |
| 2:30 PM | 2:45 PM | Bicuspid Valve, Valve in Valve, and other Challenges |
| 2:45 PM | 3:00 PM | Hands On: Challenging Cases |
| 3:00 PM | 3:15 PM | Relationship of Postprocessing errors to TAVR complications |
| 3:15 PM | 4:00 PM | Hands On: Good Post Processing with Bad CT data |
| 4:00 PM | 4:30 PM | Espresso and Pie break: Starbucks Coffee and Missy's Pies |
| 4:30 PM | 4:45 PM | The TAVR Proceduralist's Wishlist |
| 4:45 PM | 5:00 PM | Anatomy of the Left Atrial Appendage |
| 5:00 PM | 5:15 PM | Procedures for Left Atrial Appendage Exclusion |
| 5:15 PM | 6:00 PM | Hands On: Left Atrial Appendage Workflow |
| 7:00 PM | 9:00 PM | Dinner and Bourbon Tasting. Venue to be announced (extra fee) |

Sunday, April 22, 2018: Surgical Planning for Congenital Heart Disease

| Begin | End | Session Topic |
|-----------------|----------------|--|
| 9:00 AM | 9:15 AM | Common Procedures, Pediatric and Adult Congenital Structural Heart Disease |
| 9:15 AM | 9:30 AM | Common Surgeries for Congenital Heart Disease |
| 9:30 AM | 9:45 AM | Planning Congenital Heart Disease Interventions I |
| 10:00 AM | 10:15 AM | Planning Congenital Heart Disease interventions II |
| 10:15 AM | 10:45 AM | Post Processing Workflow for Congenital Heart Disease |
| 10:45 AM | 11:00 AM | 3D Printing for Congenital Heart Disease |
| 11:00 AM | 12:00 PM | Hands On: Congenital Heart Disease |
| 12:00 PM | 1:00 PM | Lunch at Boone Center |
| 1:00 PM | 2:00 PM | Hands On: Individualized instruction participant's preference |

Sunday, April 22, 2018: Post Course-Preview of Future Courses

| Begin | End | Session Topic |
|---------|----------------|--------------------------------|
| 2:30 PM | 2:45 PM | TEVAR planning |
| 2:45 PM | 3:00 PM | EVAR planning |
| 3:00 PM | 3:15 PM | Mitral Valve I |
| 3:15 PM | 3:30 PM | Mitral Valve II |
| 3:30 PM | 3:45 PM | Merging Software |
| 3:45 PM | 4:00 PM | Simulation and Virtual Reality |
| | 4:00 PM | End of Course |