

**UNIVERSITY OF WISCONSIN  
DEPARTMENT OF RADIOLOGY**



**4D Flow MRI  
COURSE SCHEDULE  
October 1 & 2, 2018**

**Day 1, October 1, 2018**

8:00 – 8:20	Registration
8:20 – 8:30	Welcome and Introduction ( <i>Francois</i> )
8:30 – 9:00	Introduction to 4D Flow MRI I - Methods and Concepts: Data Acquisition ( <i>Wieben</i> )
9:00 – 9:30	Introduction to 4D Flow MRI II - Methods and Concepts: Data Analysis ( <i>Roldan</i> )
9:30 – 10:00	GE 4D Flow (GE)
10 :00– 10:30	Q&A & Coffee Break
10:30 – 11:30	<a href="#">Group 1: Live 4D Flow Protocols and Human Subject Scans@ 3.0T</a>
10:30 – 11:30	<a href="#">Group 2: Hands-On 4D Flow Data Analysis - Introduction to Circle 4D Flow Module</a>
11:45 – 12:45	<a href="#">Group 2: Live 4D Flow Protocols and Human Subject Scans @ 3.0T</a>
11:45 – 12:45	<a href="#">Group 1: Hands-On 4D Flow Data Analysis - Introduction to Circle 4D Flow Module</a>
12:45 – 1:45	Lunch
1 :45 – 2:15	4D Flow MRI Applications: Abdomen ( <i>Reeder</i> )
2:15 – 3:30	<a href="#">Hands-On 4D Flow Data Analysis - Thoracic Aorta Cases</a>
3:30 – 4:00	Q&A & Coffee Break
4:00 – 5:30	<a href="#">Hands-On 4D Flow Data Analysis - Thoracic Aorta Cases</a>

**Day 2, October 2, 2018**

8:30 – 9:00	4D Flow MRI Applications: Valvular Heart Disease ( <i>Aggarwal</i> )
9:30 – 10:00	4D flow MRI Applications: Congenital Heart Disease ( <i>Francois</i> )
10:00 – 11:00	<a href="#">Hands-On 4D Flow Data Analysis - Whole Heart Cases</a>
11:00 – 11:30	Q&A & Coffee Break / Brunch
11:30 – 12:00	4D Flow MRI Applications: Neuro ( <i>Wieben</i> )
12:00 – 1:30	<a href="#">Hands-On 4D Flow Data Analysis - Whole Heart Cases</a>
1:30 – 2:00	4D Flow Recap ( <i>Francois</i> )
2:00	Conclusion of course

- [Live MRI scanning \(human subjects\)/ scan simulation](#)
- [Hands-on 4D flow analysis](#)