

2018 MEETING AGENDA
VISUALIZING THE FUTURE OF HEALTH CARE WITH MR IMAGING

Sunday, September 23

- 16:00 – 18:00** **Registration, Poster Set-up & Welcome Reception** (Trappers Room)
- 18:00 – 19:00** **Dinner** (Wranglers Room)
- 19:00 – 19:20** **Welcome** (Explorers Room)
Thomas Meade, PhD and Jim Basilion, PhD, Conference Organizers
Opening Remarks, Matthew Allen, PhD and Marty Pagel, PhD, Program Co-chairs
- 19:20 – 21:00** **Session 1: MRI Contrast Agents I** (Explorers Room)
Chaired by Thomas Meade, PhD
- 19:20 – 19:55 Kenneth Raymond, PhD, University of California, Berkeley
Title:
- 19:55 – 20:10 Discussion
- 20:10 – 20:45 Peter Caravan, PhD, Harvard University
Title:
- 20:45 – 21:00 Discussion
- 21:00 – 22:00** **Reception and Poster Session** (Trappers Room)

Monday September 24

- 07:00 - 08:00** **Breakfast Buffet** (Mural Dining Room)
- 08:00 – 09:45** **Session II: Hyperpolarized MRI** (Explorers Room)
Chaired by: Robia Pautler, PhD
- 08:00 - 08:35 Kevin Brindle, PhD, University of Cambridge
Title:
- 08:35 - 08:50 Discussion
- 08:50 - 09:25 Jim Bankson, PhD, MD Anderson Cancer Center
Title:
- 09:25 - 09:45 Discussion
- 09:45 – 10:15** **Morning Break and Group Photo**
- 10:15 – 12:00** **Session III: Emerging Methods** (Explorers Room)
Chaired by: Arvind Pathak, PhD
- 10:15 - 10:50 Steve Conolly, PhD, University of California, Berkeley
Title:
- 10:50 - 11:05 Discussion
- 11:05 - 11:40 Nichole Sieberlich, PhD, Case Western Reserve University
Title:
- 11:40 - 12:00 Discussion

12:00 – 13:00 **Lunch** (Wranglers Room)

13:00 – 17:30 **Afternoon Activities**
Rafting, Hiking, Grand Teton Tour, Yellowstone Tour, Horse Trail Ride

18:00 – 19:15 **Dinner** (Wranglers Room)

19:15 – 21:00 **Session IV: MR Microscopy** (Explorers Room)
Chaired by: Jim Bankson, PhD

19:15 - 19:50 G. Allan Johnson, PhD, Duke University
 Title: *Magnetic Resonance*
19:50 - 20:05 Discussion
20:05 - 20:40 Arvind Pathak, PhD, Johns Hopkins University
 Title:
20:40 - 21:00 Discussion

21:00 - 22:00 **Reception and Poster Session** (Trappers Room)

Tuesday September 25

07:00 - 08:00 **Breakfast Buffet** (Mural Dining Room)

08:00 – 10:15 **Session V: MRI Contrast Agents II** (Explorers Room)
Chaired by: David Harris, PhD

08:00 - 08:30 Erik Shapiro, PhD, Michigan State University
 Title:
08:30 - 08:45 Discussion
08:45 - 09:15 Robia Pautler, PhD, Baylor College of Medicine
 Title:
09:15 - 09:30 Discussion
09:30 - 10:00 Jonathan Sessler, PhD, University of Texas
 Title:
10:00 - 10:15 Discussion

10:15 – 10:45 **Morning Break**

10:45 – 12:30 **Session VI: PET/MRI** (Explorers Room)
Chaired by: Marty Pagel, PhD

10:45 - 11:20 Bernd Pichler, PhD, University of Tubingen
 Title:
11:20 - 11:35 Discussion
11:35 - 12:10 Bruce Rosen, PhD, Massachusetts General Hospital, Harvard Medical
 School
 Title:
12:10 - 12:30 Discussion

12:30 – 13:30 **Lunch** (Wranglers Room)

13:30 – 14:30 **Keynote Session** (Explorers Room)
 Scott Grafton, PhD, University of California, Santa Barbara

Title: *From Pretty Pictures to a Quantitative Science: Breakthroughs in MRI-based Connectomics*

15:30 – 22:00

Jackson, WY

To Town: First bus leaves the lodge at 3:30 pm, second bus leaves at 4:00 pm
From Town: First bus leaves Jackson at 8:00 pm, second bus leaves at 9:00 pm

Wednesday September 26

07:00 - 08:00

Breakfast Buffet (Mural Dining Room)

08:00 – 10:15

Session VII: MRI Contrast Agents III (Explorers Room)

Chaired by: Peter Caravan, PhD

08:00 - 08:30 Kazuya Kikuchi, PhD, Osaka University

Title:

08:30 - 08:45 Discussion

08:45 - 09:15 Valerie Pierre, PhD, University of Minnesota

Title:

09:15 - 09:30 Discussion

09:30 - 10:00 David Parker, DPhil, Durham University

Title: *Triple Imaging with ParaShift Agents: Amending the Theories of Shift and Relaxation*

10:00 - 10:15 Discussion

10:15 – 10:45

Morning Break

10:45 – 12:30

Session VIII: Low Field and High Field MRI (Explorers Room)

Chaired by: Jim Basilion, PhD

10:45 - 11:20 Tom Budinger, MD, PhD, University of California, Berkeley

Title:

11:20 - 11:35 Discussion

11:35 - 12:10 Michael Garwood, PhD, University of Minnesota

Title: *Bringing compact high-field MRI systems to life through novel methods that tolerate extreme field inhomogeneity*

12:10 - 12:30 Discussion

12:30 – 13:30

Lunch (Wranglers Room)

13:30 – 17:30

Afternoon Activities

Rafting, Hiking, Grand Teton Tour, Yellowstone Tour, Horse Trail Ride

18:00 – 19:15

Dinner (Wranglers room)

19:15 – 21:00

Session IX: Clinical Translation and Safety of MRI Contrast Agents (Explorers Room)

Chaired by: Peter Caravan, PhD

19:15 – 19:40 Jenny Yang, PhD, Georgia State University

Title:

19:40 – 19:55 Discussion

19:55 - 20:20 Richard Solomon, MD, University of Vermont

Title:

20:20 – 20:35 Discussion
20:35 – 21:00 Jennifer McDonald, PhD, Mayo Clinic, Rochester MN
Title:
21:00 - 21:15 Discussion

21:15 - 22:00 Reception and Poster Session (Trappers Room)

Thursday September 27

07:00 - 08:00 Breakfast Buffet (Mural Dining Room)

08:00 – 10:30 Session X: CEST MRI (Explorers Room)
Chaired by: David Parker, PhD

08:00 - 08:35 Peter van Zijl, PhD, Johns Hopkins University
Title:

08:35 - 08:50 Discussion

08:50 - 09:25 David Harris, PhD, Northwestern University
Title:

09:25 - 09:40 Discussion

09:40 - 10:15 Ravinder Reddy, PhD, University of Pennsylvania
Title:

10:15 - 10:30 Discussion

10:30 – 10:45 Meeting Summary and Concluding Remarks (Explorers Room)
Thomas Meade, PhD and Jim Basilion, PhD, Conference Organizers
Matthew Allen, PhD and Marty Pagel, PhD, Program Co-Chairs