

# The Department of Radiology and Biomedical Imaging

## 8<sup>th</sup> Annual Research Conference

May 15<sup>th</sup> (Monday) – May 17<sup>th</sup> (Wednesday) 2023

Asilomar Hotel and Conference Grounds (Fred Farr Forum)

800 Asilomar Ave, Pacific Grove, CA 93950

<https://www.visitasilomar.com/>

### **Day 1: Monday, May 15th**

1:00 – 3:00pm      *Arrival & Check In*

*Coffee & Refreshments*

#### **3:00 – 4:20pm      Welcome & Faculty Presentations**

3:00 – 3:10pm      Welcoming Remarks (Speakers: Jing Liu, Melanie Morrison)

3:10 – 3:30pm      *Icebreaker (Leader: Isabelle Remick)*

3:30 – 3:40pm      Overview of Department Research Enterprise (Speaker: Chris Hess)

3:40 – 4:00pm      New Faculty Presentation (Speaker: Melanie Morrison)

4:00 – 4:20pm      Senior Faculty Reflections (Speaker: Dan Vigneron)

4:20 – 4:40pm      *Break*

#### **4:40 – 5:55pm      Power Elevator Pitches** (Moderators: Jeremy Gordon, Tracy Luks)

Javier Caravaca, Misung Han, Po-hung Wu, Lisa Wilmes, Zehra Akkaya, Matthew Gibbons, Saghi Sadoughi, Sarah Rabbitt, Anil Bidkar, Alexandre Sorlin, Sanghee Lee, Ryan Nillo, Benjamin Sipes, Pierre Nedelec, Samuel Lashof-Regas, Reza Eghbali, Parul Verma, Daren Ma, Radhika Bhalerao, Sanjay Ghosh

6:00 – 7:00pm      *Dinner with Topic Tables (Leader: Isabelle Remick)*

#### **7:00 – 8:30pm      Team Trivia & Reception**

(Leaders: Melanie Morrison, Isabelle Remick)

**8:00 – 9:45pm      Bonfire with S'mores (BBQ Area)**

## **Day 2: Tuesday, May 16<sup>th</sup>**

- 7:00 – 8:00am *Early Morning Activities (walking, running, yoga, et al. not guided)*
- 7:30 – 8:45am *Breakfast*
- 8:00 – 8:45am** **Faculty Meeting** (Leader: Chris Hess) - Research resources roadmap
- 9:00 – 9:20am *Guided Meditation (Leader: Emma Bahroos)*
- 9:20 – 10:45am** **RIG/SRG Overview Session** (Moderator: Melanie Morrison)
- 9:20 – 9:30am Overview (Speakers: Chris Hess)
- 9:30 – 9:40am Cardiac and Vascular Imaging (Speaker: David Saloner)
- 9:40 – 9:50am Body Imaging (Speaker: Peder Larson)
- 9:50 – 10:00am Neuroimaging (Speaker: Sri Nagarajan)
- 10:00 – 10:15am **Book exchange** (Leader: Isabelle Remick); *Coffee & Refreshments*
- 10:15 – 10:25am Chemistry, Probes & Molecular Therapy (Speaker: David Wilson)
- 10:25 – 10:35am Intelligent Imaging (Speaker: Sharmila Majumdar)
- 10:35 – 10:45am Advanced Imaging Technology (Speaker: Dan Vigneron)
- 10:45 – 11:00am *Break*
- 11:00 – 12:00pm** **Team Science Challenge** (Leaders: Javier Caravaca Rodriguez, Isabelle Remick)
- 12:00 – 12:10pm *Announcement & Group Photo (Leader: Melanie Morrison)*
- 12:10 – 1:00pm *Lunch*
- 1:00 – 4:00pm** **Outdoor & Indoor Activities**  
17-mile drive (Leader: Anne Bartoletti)  
Kayaking, biking (Leaders: Eugene Ozhinsky, Javier Caravaca Rodriguez)  
Tide pooling, hiking, walking along the shore (Leader: Isabelle Remick)  
Board games, cards, Texas hold'em in Fred Farr Forum (Leader: Leighton Hinkley)  
Pool in the Lobby (Leader: Jeremy Gordon)  
Outdoor frisbees on the beach (Leader: Jing Liu)
- 3:45-4:00pm *Poster setup; Coffee & Refreshments*
- 4:00 – 5:45pm** **Career Development** (Moderators: Leighton Hinkley, Georgios Batsios, Melanie Morrison, Jeremy Gordon)
- 4:00 – 4:45pm Mock Study Section (Leaders: Sri Nagarajan, Sue Noworolski, Michael Evans, Ashish Raj)
- 4:45 – 5:00pm *Break*
- 5:00 – 5:50pm Catch & Share Experiences (Leaders: Peder Larson, Andreas Rauschecker, Janine Lupo, David Saloner)
- 6:00 – 7:00pm *Dinner with Topic Tables (Leader: Isabelle Remick)*
- 6:45 – 8:00pm** **Talent Show & Refreshments** (Moderators: Javier Caravaca Rodriguez, Radhika Bhalerao)  
Carl Frühling trio - opus 40 (Salvatore Torrisi, Misung Han, Peder Larson)

Me and Julio Down by the Schoolyard - Paul Simon (Michael Hoff)  
Nothing Else Matters - Metallica (Erik Gosche)  
Magic Show (Daren Ma)  
Fly Me to the Moon (Sri Nagarajan, Peder Larson, Javier Caravaca Rodriguez)  
Variations on Autumn Leaves (Pierre Nedelec, Sri Nagarajan)  
Open Jam Session

**8:00 – 9:45pm** **Poster Session** (Moderators: Jeremy Gordon, Tracy Luks)

**Day 3: Wednesday, May 17<sup>th</sup>**

*Check out of rooms by 11am*

7:00 – 8:00am *Early Morning Activities (walking, running, yoga, et al. not guided)*  
7:30 – 8:45am *Breakfast*  
**8:00 – 8:45am** **Faculty Meeting** (Leader: Sharmila Majumdar)  
9:00 – 9:20am *Guided Meditation (Leader: Emma Bahroos)*  
**9:20 – 9:55am** **Keynote Talk** (Speaker: Dr. Ke Sheng; Moderator: David Saloner)  
Title: What does precision radiotherapy mean to modern medical imaging  
**9:55 – 10:55am** **Hot Topics Session** (Moderator: Eugene Ozhinsky)  
9:55 – 10:05am Cardiac and Vascular Imaging (Speaker: Jonas Schollenberger)  
Title: 4D Flow imaging for Visualizing Hemodynamics and Monitoring the Response to Treatment  
10:05 – 10:15am Body Imaging (Speaker: Galatea Kazakia)  
Title: Virtual Bone Biopsy: Harnessing the power of high resolution skeletal imaging  
10:15 – 10:25am *Break with Coffee and Refreshments*  
10:25 – 10:35am Neuroimaging (Speaker: Janine Lupo)  
Title: Towards Predicting Tumor Pathology with Physiologic and Metabolic MRI and Deep Learning in Patients with Gliomas  
10:35 – 10:45am Intelligent Imaging (Speaker: Yang Yang)  
Title: Inline AI for Quantitative MRI  
10:45 – 10:55am Advanced Imaging Technology (Speakers: Dan Vigneron)  
Title: Recent Advances in HP MR Molecular Imaging  
10:55 – 11:10am *Break*  
**11:10 – 11:40am** **Career Development III – Time Management** (Leaders: Isabelle Remick and Sharmila Majumdar)  
**11:40 – 11:50am** **Announcement & Closing Remarks** (Speakers: Jing Liu, Melanie Morrison)  
11:50 – 12:00pm *Poster Takedown*  
12:00 – 1:00pm *Lunch*