

5th Annual Retreat of the CIBM-CHUV-MR

Wednesday/Thursday/Friday August 30 – September 1
2017

Goals

- Promote unity in our MR research family in a relaxed atmosphere and free of daily commitments.
- Provide a platform for communication among MR sub-specialties to generate new ideas and stimulate new collaborations.
- Critical review of on-going research projects and future directions.
- Tribute to scientific excellence and achievements.
- Dialog and knowledge exchange among basic scientists, clinicians and industry.
- Foster international relations.

Venue:

Hotel Beauregard

Route d'Albertville 691

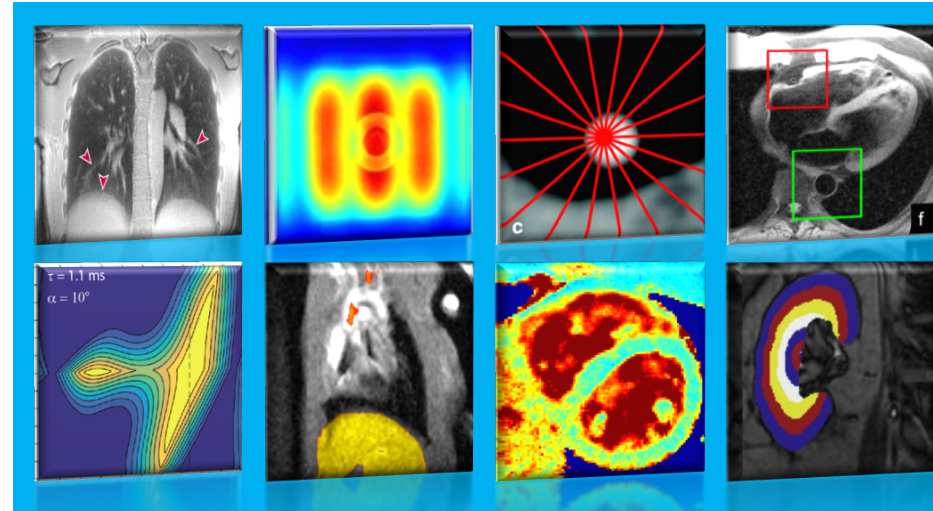
Sévrier, France - Lac d'Annecy

Phone: +33 4 50 52 40 59

Web: www.hotel-beauregard.com



RETREAT



UNIL | Université de Lausanne

PROGRAM 2017

WEDNESDAY

18:00 *Arrival of all participants and "Welcome at the Bar"*
20:00 *Dinner*

THURSDAY

8:00 *Breakfast*
9:00 Welcome and Introduction Matthias Stuber

Session 1: Exchanging Fingerprints.

Chair: Matthias Stuber

9:20 **Keynote Lecture: Making the Case for Fingerprinting** Nicole Seiberlich
9:40 **Keynote Lecture: Small Asymmetric Bumps Tell Big Stories: Cardiac CEST** Moriel Vandsburger
A Case Study for Engineers - Parametric Mapping in Rare
Inflammatory Cardiomyopathies Gabriella Vincenti
10:00 Segregating Fingerprints Andrew Coristine
10:10 Merriam-Webster, Larousse, and Duden Simone Coppo
10:30 *Coffee Break*

Session 2: MR Polygamy.

Chair: Andreas Trabesinger

11:00 **Keynote Lecture: MR in Bed with CT** Jean-Michel Serfaty
11:20 **Keynote Lecture: MR in Bed with PET** René Botnar
11:40 CT versus MR of Coronaries: a Rigged Match? Jérôme Yerly
11:50 No Thanks, MR Can Generate Enough Contrasts by Itself Giulia Ginami
12:00 Coronary MRA Needs Fewer Signals, Not More Jessica Bastiaansen
12:10 *Group Photo and Lunch*

Session 3: MR going steady.

Chair: René Botnar

14:00 **Keynote Lecture: The Only Useful MR Development in the Last Two Decades** Oliver Bieri
14:20 Faking Radial Christoph Forman
14:30 Low-Fat bSSFP Nemanja Masala
14:40 Shining a Light on a Black Box Robin Demesmaeker
14:50 *Coffee Break*

Session 4: Out of Reach but Within Grasp.

Chair: Nicole Seiberlich

15:20 **Keynote Lecture: Grasping GRASP** Li Feng
15:40 Grasping at Stars Gabriele Bonanno
15:50 Undercover Spectroscopy Lorenzo Di Sopra
16:00 Grasping at Nothing Jean Delacoste
16:10 Grasping at Automation John Heerfordt
18:00 *Group Activity on the Lake*
20:00 *Dinner & Awards*

FRIDAY

8:00 *Breakfast*

Session 5: The Dark Sides of Science.

Chair: Matthias Stuber

9:00 **Keynote Lecture: Acceptance. Rejection. Denial.** Andreas Trabesinger
9:20 Traps in Stats Jean-François Knebel

Session 6: Tricky Teeny Tiny and Transplanted Tick-Tock Tomography.

Chair: Oliver Bieri

9:30 **Keynote Lecture: The Role of MRI in Heart Transplantation** James Carr
9:50 **Keynote Lecture: Intervening in an MR Exam** Jürg Schwitler
10:10 Sweet Innocence Michael Hauschild
10:20 The Other Fetal Pipeline Davide Piccini
10:30 Laying All the Scars of the Heart Bare Tobias Rutz
10:40 *Coffee Break*

Session 7: Pyramids and X-Files.

Chair: Moriel Vandsburger

11:10 **Keynote Lecture: Elucidating Kidney Complexity with MRI** Menno Pruijm
11:30 Getting Salty Bastien Milani
11:40 Quantifying Inflammatory Language Roberto Colotti
11:50 Fudging the Signal until Motion Goes Away Emeline Darçot
12:00 Wrap-Up Matthias Stuber
12:20 *Lunch*
13:30 *Adjournment*

KEYNOTE SPEAKERS:

- Nicole Seiberlich, PhD
Associate Professor, Case Western Reserve University, Cleveland, OH, USA
- Moriel Vandsburger, PhD
Assistant Professor, University of California, Berkeley, CA, USA
- Jean-Michel Serfaty, MD, PhD
Professor, Université de Nantes, France
- René Botnar, PhD
Professor, King's College London, London, UK
- Oliver Bieri, PhD
Professor, Universitätsspital Basel, Basel, Switzerland
- Li Feng, PhD
Postdoctoral Fellow, New York University, New York, NY, USA
- Andreas Trabesinger, PhD
Founder - Reinschrift Science Communication, Editor - Nature Physics 2005-2012, Switzerland
- James Carr, MD
Professor, Northwestern University, Chicago, IL, USA
- Jürg Schwitler, MD
Professor, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
- Menno Pruijm, MD
Privat-docent, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland