

# 5<sup>th</sup> 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.

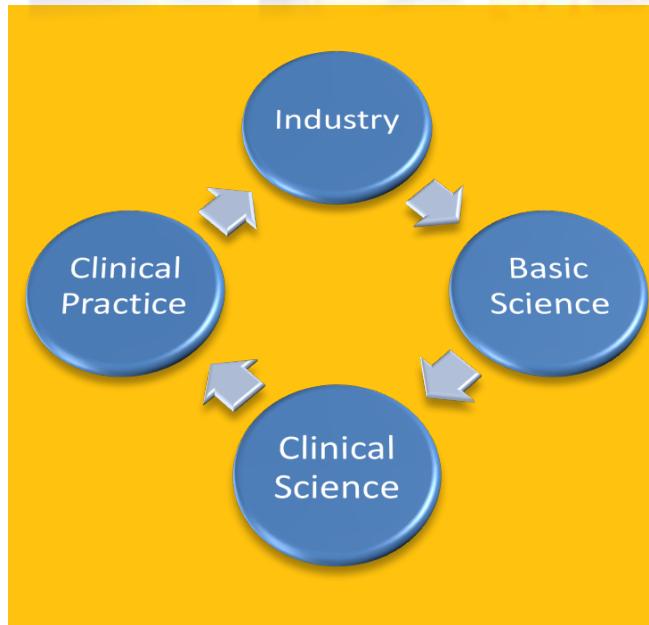
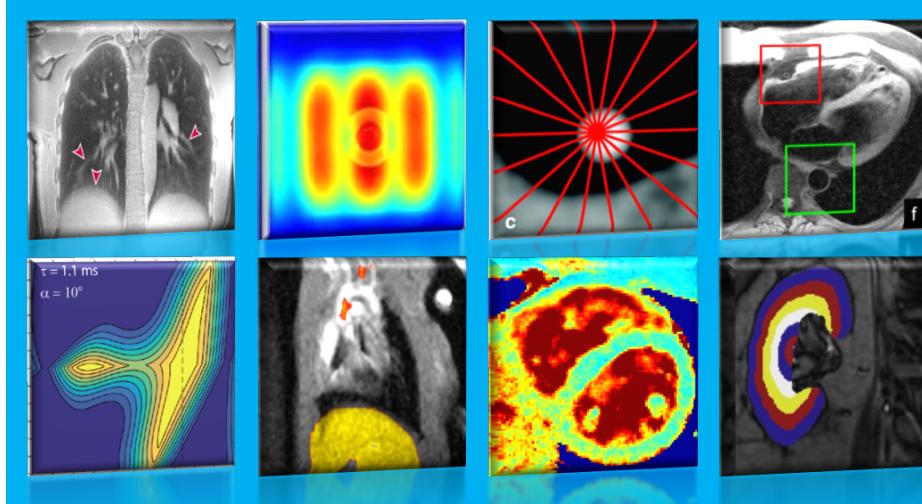
### Venue:

#### Hotel Beauregard

Route d'Albertville 691  
Sévrier, France - Lac d'Annecy  
Phone: +33 4 50 52 40 59  
Web: [www.hotel-beauregard.com](http://www.hotel-beauregard.com)



# RETREAT



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# 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  
 10:00 A Case Study for Engineers - Parametric Mapping in Rare Inflammatory Cardiomyopathies Gabriella Vincenti  
 10:10 Segregating Fingerprints Andrew Coristine  
 10:20 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 Verly  
 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 Schwitter  
 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
- **Muriel 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 Schwitter, MD**  
Professor, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
- **Menno Pruijm, MD**  
Privat-docent, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland