**Mathematics: Objectivity by Representation. Final Conference ANR/DFG**

**Wednesday, Oct 4, 2017**

Room: Salle Internationale, 3rd floor

10h15-11h15 Marianna Antonutti Marfori (Munich Center for Mathematical Philosophy), *De Re Knowledge in Mathematics*

11h15-12h15 Cyrille Imbert (CNRS/LHSP-AHP), *Philosophy in practice, problem complexity and hard instances: Some foundational work for philosophers of mathematics*

12H15-13h30 Lunch Break

13h30-14h30 Danielle Macbeth (Haverford College), *Formal Proof in Mathematical Practice*

14h30-15h30 Irina Starikova (University of São Paulo), *Visual Impact on Spatial Reasoning in Mathematics*

15h30-16h00  Break

16h00-17h00 Casper Storm Hansen (The Van Leer Jerusalem Institute), *Do the roads to the higher infinite lead anywhere?*

17h00-17h30 Break

17h30-18h30 Marco Panza (CNRS/IHPST) (Skype conference: Campus Lettres, Room A 104), *Frege was non Logicist*

20h00            Dinner for speakers

**9th French PhilMath Workshop (FPMW)**

**Thursday, Oct 5, 2017**

Room: Salle Internationale, 3rd floor

SESSION I

9h30-10h15   Registration — Coffee

10h15-10h30   Welcoming of Participants

10h30-12h00  David Rabouin (CNRS/SPHERE), *Representation vs projection: two views on the nature of mathematical knowledge*

12h00-13h30 Markus Pantsar (University of Helsinki), *Cognitive complexity and mathematical problem solving*

13h30-14h45 Lunch

SESSION II

14h45-16h15 Yves André (CNRS/ Institut des Mathématiques Jussieu-Paris Rive Gauche), *Virtual temporality of geometric objects. (Around the Ricci flow).*

16h15-16h30  Break

16h30-18h00 Laura Crosilla (University of Birmingham, UK), *Weyl, sets and arithmetical properties*

20h00            Dinner for speakers

**Friday, Oct 6, 2017**

Room: Salle Internationale, 3rd floor

SESSION III

9h30-11h00 Sylvia Pauw (University of Amsterdam/Ghent University), *Deducing false propositions from true ideas: Nieuwentijt on mathematical reasoning*

11h00-11h15  Break

11h15-12h45 Hannes Leitgeb (University of Munich), *Semantic Indeterminacy, Classical Mathematics, and the Sorites*

12h45-14h00 Lunch

SESSION IV

14h00-15h30 Joan Bertran-San Millán (The Czech Academy of Sciences), *Frege's Begriffsschrift and logicism*

15h30-17h00 Vincenzo de Risi (Max Planck Institute for the History of Science), *The Axiomatization of Space in the Early Modern Age*

17h00-17h15 Break

17h15-19h00 Organization of the FPMW 10, 2018

20h00 Gala dinner

**Saturday, Oct 7, 2017**

Campus Lettres, Room G04!!

SESSION V

9h30-11h00 Mirna Dzamonja (East Anglia Univ., Norwich/IHPST, Paris 1), *Set theory and univalent foundations and their relative positions in the foundations of mathematics*

11h00-11h15  Break

11h15-12h45 Yacin Hamami (Vrije Universiteit Brussel) (joint work with Rebecca Morris, Stanford University), *Rationality in Mathematical Proofs*