P R O G R A M M E

Lundi 17 juillet 2006

9.45 - 11.15	**T. Saito** *Galois representations and modular forms I*
11.30 - 13.00	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands I*
	Afternoon seminar **An introduction to "classical" motives.** Sujatha RAMDORAI and Minyhong KIM
15.00 - 16.00	*Classical motives: basic notions and conjectures I*
	Coffee break
17.00 - 18.00	*Classical motives: basic notions and conjectures II*

Mardi 18 juillet 2006

9.00 - 10.30	**T. Saito** *Galois representations and modular forms II*
11.00 - 12.30	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands II*
	Afternoon seminar **Motives and motivic integration for definable sets**
14.30 - 15.30	**F. Loeser** *Definable sets, motives, and motivic volumes*
16.30 -17.30	**R. Cluckers** *Motivic constructible functions and "Transfer Principle"*

Mercredi 19 juillet 2006

9.00 - 10.30	**T. Saito** *Galois representations and modular forms III*
11.00 - 12.30	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands III*
	Afternoon seminar **Automorphic representations, motives, and Galois representations I: the Abelian case.**
14.30 - 15.15	**L. Fargues** *Algebraic Hecke characters, l-adic representations, and CM abelian varieties*
15.45 - 16.30	**L. Fargues** *Complex multiplication and Serre groups*
16.45 - 17.30	**L. Fargues** *Potentially Abelian automorphic reprensentations and CM motives*

Jeudi 20 juillet 2006

9.00 - 10.30	**T. Saito** *Galois representations and modular forms IV.*
11.00 - 12.30	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands IV*
	Afternoon seminar **Automorphic representations, motives, and Galois representations II**

Known cases: Galois representations associated to automorphic forms

Vendredi 21 juillet 2006

9.00 - 10.30	**T. Saito** *Galois representations and modular forms V*
11.00 - 12.30	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands V*
	Afternoon seminar **Automorphic representations, motives, and Galois representations III**
14.30 - 15.30	**P.- H. Chaudouard** *A short introduction to the trace formula*
16.30 - 17.30	**M. Harris** *The Sato-Tate conjecture*

Samedi 22 juillet 2006

9.00 - 10.30	**T. Saito** *Galois representations and modular forms VI*
11.00 - 12.30	**L. Lafforgue** *Formes automorphes et fonctorialité de Langlands VI*

Lundi 24 juillet 2006

9.00 - 10.30	**B.-C. Ngo** *Introduction to Shimura varieties I*
11.00 - 12.30	**M. Levine** *Mixed motives and homotopy theory of schemes I*
	Afternoon seminar **Quadratic forms and algebraic cycles**
14.30 - 15.30	**P. Gille.** *Quadratic forms and motives I*
16.30 - 17.30	**N. Karpenko** *Quadratic forms and motives II*

Mardi 25 juillet 2006

9.00 - 10.30	**B.-C. Ngo** *Introduction to Shimura varieties II*
11.00 - 12.30	**M. Levine** *Mixed motives and homotopy theory of schemes II*
	Afternoon seminar **Two lectures by M. Kontsevich**
14.30 - 15.30	*Periods and motivic galois group*
16.30 - 17.30	*Motives of non-commutative spaces*

Mercredi 26 juillet 2006

Realization functors and the full faithfullness conjectures

14.30 - 15.15	**J. Riou** *Realization functors , I*
15.30 - 16.15	**J. Riou** *Realization functors , II*
16.45 - 17.30	**Y. André** *The full faithfullness conjecture: pure motives*

Jeudi 27 juillet 2006

9.00 - 10.30	**B.-C. Ngo** *Introduction to Shimura varieties IV*
11.00 - 12.30	**M. Levine** *Mixed motives and homotopy theory of schemes IV*
	Afternoon seminar **Complements on categories of motives**
14.30 - 15.15	**B. Kahn** *The full faithfullness conjectures in characteristic p*
15.45 - ??	**F. Ivorra** *Finite dimensional motives and applications (1 or 2 talks).*

Vendredi 28 juillet 2006

9.00 - 10.30	**B.-C. Ngo** *Introduction to Shimura varieties V*
11.00 - 12.30	**M. Levine** *Mixed motives and homotopy theory of schemes V*
	Afternoon seminar **Mixed motives and Shimura varieties**
14.30 - 15.15	**J. Wildeshaus** *Boundary of Shimura varieties: motivation*
15.45 - 16.45	**D.-C. Cisinski** *The boundary motive : definition and basic properties*
17.00 - 17.30	**J. Wildeshaus.** *An example*

Samedi 29 juillet 2006

9.00 - 10.30	**B.-C. Ngo** *Introduction to Shimura varieties VI*
11.00 - 12.30	**M. Levine** *Mixed motives and homotopy theory of schemes VI*