

Program of the conference "Braids and low dimensional topology"
 Rennes, 31 august – 3 september 2005

IRMAR – Building 22 – Rooms 4–6

	Thursday	Friday
9:00 – 10:00	<i>A. Zuk</i>	<i>A. Reid</i>
Coffee break		
10:30 – 11:10	J. Burillo "The pure braided Thompson's group"	R. Fenn "Using Generalised Quaternions to find Invariants of Virtual Knots"
11:20 – 12:00	L. Paris "La conjecture de Makanin est vraiment fausse pour les mapping class groups."	M. Wolff "Framed holonomic knots"
Lunch		
14:00 – 14:40	P. Bellingeri "Lower central series for surface braids"	F. Mathéus "Growth series for Artin groups of dihedral type"
14:50 – 15:30	T. Kuessner "Generalization of Agol's inequality"	J. Mairesse "Randomly Growing Braid on Three Strands and the Manta Ray"
Coffee break		
16:00 – 17:00	<i>A. Reid</i>	<i>A. Zuk</i>
17:10 – 17:50	G. Massuyeau "Some finiteness properties for the Reidemeister-Turaev torsion of three-manifolds"	G. Masbaum "Perturbative expansion of mapping class group representations in TQFT"
18:00 – 18:40	T. Morifuji "von Neumann rho-invariant, first Morita-Mumford class and Rochlin invariant"	B. Audoux "Catégorification d'un raffinement du polynôme de Jones pour les diagrammes d'entrelacs considérés à isotopie "braid-like" près"

	Saturday
9:00 – 10:00	<i>A. Zuk</i>
Coffee break	
10:30 – 11:30	<i>A. Reid</i>