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CURRICULUM VITAE

born : August 14, 1979, Poitiers (France),
nationality : french,
marital status : single, without children.

CURRENT POSITION

Maître de Conférences à l'Université Jean Monnet, Saint Etienne.

LAST POSITIONS

- Post-doctoral position from the **European Post-Doctoral Institute** (EPDI), two years:
 - 1st of Oct. 2008 - 30th of Sept. 2009: **MIPM** (Max-Planck-Institut für Mathematik), Bonn (Germany);
 - 1st of Oct. 2007 - 30th of Sept. 2008: **CRM** (Centre de Recerca Matemàtica), Barcelona (Spain);
- Oct. 2006 - Sept. 2007, Pre-doctoral position from the european network **LIEGRITS**, at the University of Antwerp (Belgium);
- Oct. 2003 - Sept. 2006, Contrat d'**allocataire-monitrice**.

EDUCATION

- **2003** - Bachelor in Science (in pure mathematics), University of Poitiers,
Master's thesis on "Poisson cohomology", under the supervision of Prof. Pol Vanhaecke
- **2002** - Agrégation externe en Mathématiques
- **1997** - Baccalauréat scientifique, option mathématiques

PhD THESIS

- **Title**: Poisson (co)homology and isolated singularities in low dimensions, with an application in the theory of deformations
- **Thesis advisor**: Pol VANHAECKE
- **PhD degree obtained on**: 8th of December 2006
- **Laboratory**: Laboratoire de Mathématiques et Applications, LMA 6086, Poitiers (France)
- **Members of Jury**: J. Alev (referee), P. Xu (referee), C. Laurent-Gengoux, C. Roger, P. Vanhaecke, F. Van Oystaeyen, N. T. Zung.

RESEARCH DOMAINS

- Poisson algebra and geometry,
- Poisson cohomology and homology,
- Deformations,
- Double Poisson algebra, double Poisson cohomology.

PUBLICATIONS

- *A. Pichereau*, Cohomologie de Poisson en dimension trois, *C. R. Acad. Sci. Paris, Ser. I* 340 (2005);
- *A. Pichereau*, Poisson (co)homology and isolated singularities, *Journal of Algebra, Volume 299, Issue 2 (2006)*, 747–777;
- *A. Pichereau, G. Van de Weyer*, Double Poisson cohomology of path algebras of quivers, *Journal of Algebra, Volume 319, Issue 5 (2008)*, 2166–2208;
- *A. Pichereau*, Formal deformations of Poisson structures in low dimensions, *Pacific Journal of Mathematics, Volume 239, Issue 1 (2009)*, 105–133;
- *A. Pichereau*, L_∞ -interpretation of a classification of deformations of Poisson structures, *Proceedings de Algebraic and Geometric Deformation Spaces, Aspects of mathematics, Viewveg Verlag 2010*.

ACCEPTED BOOK

- *C. Laurent-Gengoux, A. Pichereau, P. Vanhaecke*, An invitation to Poisson structures, accepted for publication in *Springer*.

SUBMITTED ARTICLE

- *R. Berger, A. Pichereau*, Calabi-Yau algebras viewed as deformations of Poisson algebras, submitted.

ARTICLES IN PREPARATION

- *A. Pichereau*, A Homology with parameter, in preparation;
- *M. Penkava, A. Pichereau*, Deformations of super Poisson structures, in preparation.

TALKS

- **Poitiers** (France), February 2005;
- **Lille** (France), March 2005;
- **Louvain-La-Neuve** (Belgium), May 2005;
- **Toulouse** (France), June 2005;
- **Monastir** (Tunisia), September 2005, in the summer school “Quantization and harmonic analysis”;
- **Paris (IHP)** (France), December 2005;
- **La Rochelle** (France), February 2006;
- **Nicosia** (Cyprus), April 2006;
- **Hong-Kong** (China), May 2006;
- **Dijon** (France), June 2006;
- **Luminy (CIRM)** (France), September 2006, in the conference “Homology and deformations in algebra, geometry and representations”;
- **Poitiers** (France), September 2006, in the “Week-End Poisson”;
- **Mulhouse** (France), November 2006;
- **Antwerp** (Belgium), December 2006;
- **Amiens** (France), January 2007, in the “Colloque tournant”: “Groups, geometry and representations”;
- **Lille** (France), February 2007;
- **Antwerp** (Belgium), April 2007;
- **Luminy (CIRM)** (France), April 2007, in the conference “Automorphisms and homology, in non-commutative algebraic geometry”;
- **Eau Claire** (USA, Wisconsin), June 2007;
- **Poitiers** (France), November 2007;
- **Barcelona (CRM)** (Espagne), November 2007;
- **Antwerp** (Belgium), December 2007;
- **Lyon** (France), January 2008;
- **Toulouse** (France), February 2008;
- **Paris** (France), March 2008;
- **Bordeaux** (France), March 2008;
- **Barcelone (CRM)** (Espagne), April 2008;
- **Luxembourg** (Luxembourg), September 2008;
- **Lausanne (EPFL)** (Switzerland), October 2008, in the workshop on “Transverse Poisson structures and Poisson singularities”;
- **Luminy (CIRM)** (France), December 2008, in the conference “Homology of algebra: structures and applications”;
- **Nantes** (France), December 2008;
- **Saint-Etienne** (France), January 2008;
- **Dijon** (France), January 2008;
- **Bonn (MPIM)** (Germany), February 2008;
- **Nice** (France), November 2009;
- **Paris (IHP)** (France), December 2009,
in the international conference in honour of P. Libermann “Héritage et Descendance”;
- **Paris (IHP)** (France), January and February 2010,
in the workshop GTIA;
- **Montpellier** (France), January 2010;
- **Dijon** (France), May 2010;
- **Lyon** (France), March 2011;
- **Clermont-Ferrand** (France), October 2011.

CONFERENCES ATTENDED (without talks)

- **Luminy** (France), “Quantization and Lie theory”, April 2003;
- **Luminy** (France), “Hopf algebras, quantization and topology in low dimensions, April 2004;
- **Luxembourg** (Luxembourg), “4th Conference on Poisson Geometry”, June 2004;
- **Poitiers** (France), Colloque international en l’honneur de Pierre Van Moerbeke, “Integrable Systems”, June 2004;
- **Clermont-Ferrand** (France), “Poisson algebra and geometry”, December 2004;
- **Louvain-La-Neuve** (Belgium), “Symplectic Field Theory and its Applications”, Y. Eliashberg, Chaire de la Vallée Poussin, May 2005;
- **Tokyo** (Japan), “School on Poisson Geometry and Related Topics”, June 2006;
- **Tokyo** (Japan), “Poisson Geometry in Mathematics and Physics”, June 2006;
- **Antwerp** (Belgium), Socrates Intensive Program GAMAP, “Non commutative algebra, representation theory and non commutative geometry”, September 2006;
- **Toulouse** (France), “Week end(oid) on Poisson Geometry”, March 2007;
- **Almeria** (Spain), “International conference on non-commutative rings and geometry” in honour of the 60th birthday of Freddy van Oystaeyen, Septembre 2007;
- **Barcelona (CRM)** (Spain), “Advanced Course on Geometric Flows and Hyperbolic Geometry”, March 2008;
- **Barcelona (CRM)** (Spain), “GESTA 2008”, May 2008;
- **Barcelona (CRM)** (Spain), “GAP VI: Workshop on Geometry and Physics”, June 2008;
- **Barcelona (CRM)** (Spain), “Conference on Moment maps”, June 2008;
- **Lausanne (EPFL)** (Switzerland), “Poisson 2008: Poisson Geometry in Mathematics and Physics”, July 2008;
- **Reims** (France), “Franco-British “alliance” workshop and Conference in honour of Jacques Alev’s sixtieth birthday”, November 2008;
- **Luminy (CIRM)**, “Thematic school: Operads”, April 2009.

RESEARCH VISITS

- **University of Louvain-La-Neuve** (Belgium), April-May 2005 (with an ESF (MISGAM) exchange grant);
- **University of Cyprus** (Cyprus), April 2006 (with program “Zenon”);
- **University of Hong Kong** (China), May 2006;
- **University of Wisconsin, Eau Claire** (USA), June 2007;
- **University of Wisconsin, Eau Claire** (USA), June 2008.

RESPONSABILITIES

- Member of the “Conseil du Laboratoire de Mathématiques et Applications” of the University of Poitiers, between October 2005 and December 2006;
- Member of the “Conseil du Laboratoire de Mathématiques LaMUSE” of the University of Saint Etienne, from November 2009 to December 2011.

REFEREE REPORTS

For the journals: *Journal of Algebra*, *Journal of Pure and Applied Algebra*, *SIGMA*, ...

RESEARCH NETWORK

- Member of the GDR 2432 of the CNRS, since 2005;
- Member of the program “Zenon” between France and Cyprus, January 2006 – December 2007;
- Laureate of the programme “Retour Post-Doctorants” 2009, of the ANR.

LINGUISTIC ABILITIES

- French: mother tongue;
- English: fluent, studied during 7 years, TOEFL IBT : 87 / 120;
- German: acceptable, studied during 9 years.