Curriculum Vitae

Last name: **Chen**
First name: **Ying**
Sex: male
Born: 28/09/1984 in Wuhan, China
Address: Universidade de São Paulo, Av. Trabalhador São-Carlense, 400 - CP Box 668, 13560-970 São Carlos, São Paulo, Brazil
E-mail: yingchen@icmc.usp.br

CURRENT POSITION AND PREVIOUS POSITION

- 01/03/2013 − Present: Fapesp postdoc fellowship at ICMC, University of Sao Paulo

DIPLOMA

- 01/10/2009 − 31/09/2012: **PhD in Mathematics (Geometry and Topology) at the University Lille 1**
  → **Title of the thesis:** Bifurcation values of mixed polynomials and Newton polyhedra.
  → **Date of PhD defence:** 28/09/2012.
  → **PhD Advisor:** Prof. Mihai Tibăr (University Lille 1)
  → **Referees:** Prof. Mutsuo Oka (Tokyo) and Prof. Krzysztof Kurdyka (Chambery)

- 01/09/2008 − 31/08/2009: **Master 2 of fundamental Mathematics at the University Lille** 1 (Honourable mention); GPA: 17.9/20.

- 01/09/2007 − 31/08/2008: **Master 1 of fundamental Mathematics at the University Lille** 1 (Honourable mention); GPA: 17/20.

- 01/09/2003 − 31/08/2007: **Diploma of Sciences: fundamental Mathematics at the Institute of Mathematics and Statistics of Wuhan University in China** (Honourable mention); GPA: 3.9/5.0.

PUBLICATIONS AND PREPRINT

- Ying Chen and Mihai Tibăr, *Bifurcation values of mixed polynomials*, Math. Res. Lett. 19, no.1, p.59 − 79 (2012).

- R.N. Araújo dos Santos, Y. Chen, M. Tibăr, *Singular open book structures from real mappings*, Cent. Eur. J. Math. 11 (2013) no. 5, 817-828.

- Y. Chen, L.R.G. Dias, K. Takeuchi, M. Tibăr, *Invertible polynomial mappings via Newton non-degeneracy*, arXiv:1303.6879, to appear in Ann. Inst. Fourier (Grenoble).

- Y. Chen, *Milnor fibration at infinity for mixed polynomials*, arXiv:1207.3161, to appear in Cent. Eur. J. Math., doi:10.2478/s11533-013-0293-x.

- R.N. Araújo dos Santos, Y. Chen, M. Tibăr, *Real polynomial maps and singular open books at infinity*, preprint.

TALKS

- 09/2013 :**Milnor fibration at infinity for real polynomial maps**(50 minutes), Conference "Japanese - Brazilian Singularity Days", ICMC, Brazil.

- 06/2013 :**Global behavior of mixed polynomials**(50 minutes), Singularity Seminar, ICMC, Brazil.

- 06/2012 : **L'ensemble de bifurcation et la monodromie d'un polynôme mixte** (1 hour), Séminaire de Géométrie, Univ. Savoie, France.

- 06/2011 :**Non-degenerate mixed polynomials** (45 minutes), Conference "Real Algebraic Geometry Rennes 2011", Univ. Rennes, France.

- 11/2010 :**Bifurcation values of mixed polynomials** (1 hour), PhD. Seminar, Univ. Lille 1, France.

- 05/2010 : **Mixed polynomials and Newton polyhedron** (1 hour), Seminar "Journée Lille-Bucuresti", Univ. Lille 1, France.

POSTER

- 09/2011 : **Some results of mixed singularities**, Conference "The Sixth Franco-Japanese Symposium on Singularities", Fukuoka, Japon.

PARTICIPATION

- 05/2012 : Conference "Aspects of Singularities", Univ. Lille 1, France.

- 05/2010 : Conference "Journée de doctorants", Ambleteuse.

- 03/2010 : Conference "From complex to real singularities", Univ. Lille 1, France.