

CURRICULUM VITAE

Personal Data

Name: Jie Wang

M/F: M

Date of Birth: 23/05/1990

Nationality: China

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Education

- Bachelor of Mathematics (9/2008-7/2012)
 - University of Science and Technology of China
- Doctor of Mathematics (9/2012-7/2017)
 - Academy of Mathematics and Systems Science, Chinese Academy of Sciences
 - Supervisor: Xiao-Shan Gao

Work Experiences

- 7/2017 – 6/2019, Postdoc, Peking University, Mentor: Bican Xia
- 7/2019 – present, Postdoc, LAAS-CNRS, Mentor: Victor Magron

Research Interests

Sparse Polynomial Optimization, Real Algebraic Geometry, Biological Mathematics, Difference Algebra

Invited Talks (excluding conference presentations)

1. “The finitely generated property of binomial difference ideals”, The 2nd workshop on combinatorial mathematics and symbolic computation, Tianjin, 6/2017
2. “On systems of polynomials with at least one positive zero”, Youth Forum of National Center for Mathematics and Interdisciplinary Sciences, CAS, Beijing, 10/2018
3. “Nonnegative polynomials and circuit polynomials”, SIAM Conference on Applied Algebraic Geometry, Switzerland, 7/2019
4. “Exploiting term sparsity in SOS programming and sparse polynomial optimization”, International Conference on Continuous Optimization, Berlin, 8/2019

Honor & Awards

2016, Gained the “Dean Special Prize” of Academy of Mathematics and Systems Science, CAS

2017, Gained the title of “Outstanding Graduates” of University of Chinese Academy of Sciences

Project Funding

