# 个 人 简 历

## ── 基本信息

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|---|---|---|---|
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| 单　　位： | 西北工业大学 | 职　　称： | 助理教授 |
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## ── 教育经历

2013.9–2016.7　博士, 雷恩第一大学, 法国, 信息科学. 导师: Arnaud Martin, 潘泉.

2010.9–2013.3　硕士, 西北工业大学, 陕西西安, 应用数学.导师: 师义民.

2006.9–2010.7　本科, 长安大学, 陕西西安, 信息与计算科学.

## ── 工作经历

2016.8–　　　西北工业大学 理学院 应用数学系 助理教授

## ── 研究方向

- 统计模式识别
- 复杂网络社团挖掘
- 应用概率统计
- 证据理论及其应用

## ── 项目经历

2018.1-2020.12　国家自然科学基金青年项目, 动态不确定环境下置信社团挖掘及在信息流控制中的应用(No.61701409), 主持

2016.9-2017.12　西北工业大学引进高层次人才科研启动项目，复杂网络不精确半监督社团检测算法研究(No.3102016QD088), 主持

2017.1-2020.12　国家自然科学基金面上项目, 基于精细可靠度评估的优化证据推理及应用(No.61672431), 参加

2015.1-2017.12　国家自然科学基金青年项目, 带有属性信息缺失的不完整数据广义信任分类(NO.61403310), 参加

## ── 科研获奖

2016.9　第四届国际置信函数理论与应用大会最佳学生论文

# 软件

R package
iBelief: 信息函数理论的基本工具包，包括常用的证据组合规则、证据决策规则、证据生成规则和证据转换算法等。iBelief包在CRAN官网链接：
`http://cran.r-project.org/web/packages/ibelief/index.html`

# 论文著作

期刊论文

[1] **Kuang Zhou**, Arnaud Martin, Quan Pan, and Zhun-ga Liu. ECMdd: Evidential c-medoids clustering with multiple prototypes. *Pattern Recognition*, 60:239–257, 2016.

[2] **Kuang Zhou**, Arnaud Martin, and Quan Pan. The belief noisy-or model applied to network reliability analysis. *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, 24(06):937–960, 2016.

[3] **Kuang Zhou**, Arnaud Martin, Quan Pan, and Zhun-ga Liu. Median evidential c-means algorithm and its application to community detection. *Knowledge-Based Systems*, 74:69–88, 2015.

[4] **Kuang Zhou**, Arnaud Martin, and Quan Pan. A similarity-based community detection method with multiple prototype representation. *Physica A: Statistical Mechanics and its Applications*, 438:519–531, 2015.

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[1] **Kuang Zhou**, Arnaud Martin, and Quan Pan. Evidence combination for a large number of sources. In *20th International Conference on Information Fusion*, pages 999–1006. IEEE, 2017.

[2] **Kuang Zhou**, Arnaud Martin, and Quan Pan. Semi-supervised evidential label propagation algorithm for graph data. In *4th International Conference on Belief Functions*, pages 123–133. Springer, 2016.

[3] **Kuang Zhou**, Arnaud Martin, Quan Pan, and Zhun-ga Liu. Evidential label propagation algorithm for graphs. In *19th International Conference onInformation Fusion*, pages 1316–1323. IEEE, 2016.

[4] **Kuang Zhou**, Arnaud Martin, Quan Pan, and Zhun-ga Liu. Evidential relational clustering using medoids. In *18th International Conference on Information Fusion*, pages 413–420. IEEE, 2015.

[5] **Kuang Zhou**, Arnaud Martin, and Quan Pan. Evidential communities for complex networks. In *15th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems*, pages 557–566. Springer, 2014.

[6] **Kuang Zhou**, Arnaud Martin, and Quan Pan. Evidential-EM algorithm applied to progressively censored observations. In *15th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems*, pages 180–189. Springer, 2014.

[7]   Salma Ben Dhaou, **Kuang Zhou**, Mouloud Kharoune, Arnaud Martin, and Boutheina Ben Yaghlane.  The Advantage of Evidential Attributes in Social Networks.  In *20th International Conference on Information Fusion*, pages 991–998. IEEE, 2017.

[8]   Wiem Maalel, **Kuang Zhou**, Arnaud Martin, and Zied Elouedi.  Belief hierarchical clustering.  In *3rd International Conference on Belief Functions*, pages 68-76. Springer, 2014.