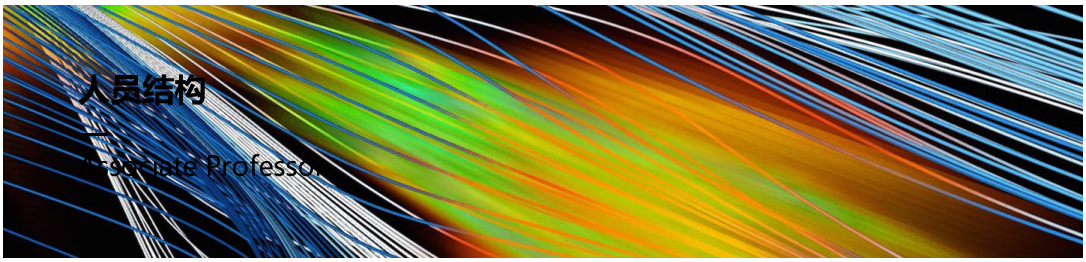

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个人简介

刘畅，南方科技大学物理系副教授。主要研究方向是新型材料中的高温超导现象和不寻常拓扑现象，以及各种新型材料的电子学性质，研究手段主要是角分辨光电子能谱仪（ARPES）。刘畅博士对铁基超导体的能带结构和超导性质进行了开创性的研究，完成了国际上对铁基超导体能带结构及超导能隙的几个最初测量， 包括用ARPES研究铁基超导体的第一份文献，受到了国际同行的高度评价。他对新型材料的各种不寻常拓扑性质也进行了广泛深入的探讨。刘畅博士在Science、Nature Physics、Physical Review Letters等SCI杂志发表论文约40篇，共被引用超过3500次，h-index为27（Google Scholar）。

研究领域

1. 角分辨光电子能谱学（ARPES）、超高真空技术；
2. 单晶生长技术；
3. 拓扑绝缘体和凝聚态系统中不寻常拓扑现象的电子学机理；
4. 铁基高温超导体的电子学性质。

工作经历

2015年5月- ：南方科技大学物理系副教授；
2014年8月-2015年4月：南方科技大学物理系助理教授；
2011年7月-2014年7月：美国普林斯顿大学物理系博士后。

学习经历

2006-2011：美国爱荷华州立大学物理与天文学系，获博士学位；
2003-2006：中山大学物理系，获学士学位；
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代表文章

1. Xiao-Bo Wang*, Xiao-Ming Ma* et al., Topological surface electronic states in candidate nodal-line semimetal CaAgAs. Phys. Rev. B 96, 161112(R) (2017)（刘畅为通讯作者）
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