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刘玉玺，男，山西省方山县人。清华大学微电子学研究所教授，清华大学“百人计划”。主要从事固体量子器件和量子信息处理的研究工作，到目前为止共发表论文50余篇（其中包括PHYSICAL REVIEW LETTERS 9篇，PHYSICAL REVIEW A, B, E 38篇，EUROPHYSICS LETTERS 3篇），所有发表文章被他人引用400多次。

1998年7月在北京大学物理系获得博士学位。1998年8月至2000年10月在中国科学院理论物理研究所做博士后；2000年11月至2002年10月在日本综合研究大学院大学受日本学术振兴会(JSPS)资助做博士后；2002年11月至2009年2月任日本理化学研究所研究员；在2006年7月至2008年6月期间同时也任日本战略的创造研究推进事业，科学技术振兴机构(JST)研究员。2009年3月起加入清华大学微电子学研究所。

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目前的研究兴趣集中在：

- (1) 超导器件的量子性质，固体系统中单量子态的操控和测量
- (2) 超导和其它固体系统中的量子信息处理
- (3) 固体系统与原子和分子系统的有效集成
- (4) 微纳机械系统的量子性质，光机械系统，电路量子电动力学

上述研究涉及量子力学，凝聚态物理，信息理论，原子物理，量子光学，器件物理，数学，控制理论等多个学科，是具有激烈竞争和广阔前途的既具有独立性又有学科交叉的研究。本人每年招收0-1名硕士，0-1名博士研究生（最好是直博生），欢迎有意的同学加入本研究组。

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