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研究机构

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- ▶ 福建省半导体照明工程技术研究中心
- ▶ 厦门大学电磁声学研究院
- ▶ 厦大磁共振与医学成像研究中心

友情链接

- ▶ 厦门大学
- ▶ 厦门大学物理与机电工程学院
- ▶ 厦门大学物理学系
- ▶ 厦门大学机电工程系
- ▶ 厦门大学航空系

柳清伙

[返回师资力量](#)

个人简介:

柳清伙, 1963年2月出生, 教授, 博士生导师, 国家“千人计划”特聘专家, 厦门大学特聘教授, 国家教育部第七批“长江学者奖励计划讲座教授”, 美国杜克大学终生教授, IEEE Fellow、美国声学学会Fellow。分别于1983年7月和1986年7月获得厦门大学物理系学士学位和硕士学位; 1986年9月去美国留学, 1989年1月获得伊利诺依大学香槟分校(UIUC)电子工程专业博士学位; 1989年2月至1990年2月在美国伊利诺依大学电机与计算机工程系从事博士后研究工作; 1990年3月至1995年12月任美国斯伦贝谢-道尔研究中心科学家及项目主管; 1996年1月至1999年5月任美国新墨西哥州立大学电机与计算机工程系副教授; 1999年6月至2003年12月任美国杜克大学电机与计算机工程系副教授; 2004年1月至今任美国杜克大学电机与计算机工程系教授; 2011年5月至今任厦门大学电子科学系名誉系主任。



柳清伙教授研究方向为计算电磁学、计算声学及超分辨成像方法, 并将此广泛应用于地球物理、集成电路封装、复杂介质探测、环境保护及医疗成像。迄今已在国际刊物上发表SCI论文200余篇, H指数为30, 引用次数超3000次(ISI Web of Knowledge)。因在其研究领域的贡献, 于1996年被美国白宫授予首届总统青年科学家奖(Presidential Early Career Award for Scientists and Engineers), 并获得1996年美国国家环保署授予的青年科学家奖及1997年美国国家科学基金会授予的青年科学家奖。曾获中国长江讲座教授、海外杰出青年等荣誉。现任Proceedings of the IEEE客座主编(《大规模电磁计算及应用》专刊), IEEE Transactions on Geoscience and Remote Sensing副主编, Progress in Electromagnetics Research及Journal of Electromagnetic Waves and Applications副总主编, Journal of Computational Acoustics副主编。

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研究方向:

电磁波、声波和弹性波; 微波技术; 逆问题; 医疗成像; 地球物理勘探; 计算电磁学和计算声学

科研项目

- ▶ 1. 微波致热超声成像仪研制, 国家自然科学基金
- ▶ 2. 非均匀介质中电磁散射与逆散射, 国家海外杰出青年科学基金
- ▶ 3. 计算电磁学及其应用, 长江讲习教授项目
- ▶ 4. 微波成像的医学应用, 美国NIH
- ▶ 5. 多模式医学成像的NUFFT方法, 美国NIH
- ▶ 6. 快速逆散射方法, 美国NSF

▶ 代表性论文

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- ▶ 2. J. Chen, Q. H. Liu, M. Chai, and J. A. Mix, "A non-spurious 3-D vector discontinuous Galerkin finite-element time-domain method," *IEEE Microwave Wireless Compon. Lett.*, vol. 20, no. 1, pp. 1-3, Jan. 2010.
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▶ 更多...

▶ 著作

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- ▶ 3. Q. H. Liu, "Fast Fourier Transforms and NUFFT," *Encyclopedia of RF and Microwave Engineering*, pp. 1401-1418, Wiley-Interscience. Editor: K. Chang, Jan. 2005. Transworld Research Network. Editors: B. Baker, and Y. Chen, 2002.
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