



## 叶陈春教授 简介



叶陈春

电子工程系 教授、博士生导师、光电子技术研究所所长。

英国 Southampton 大学 博士

研究方向：光纤激光器、光纤传感器

1982年在厦门大学物理系光电子学专业获学士，1988年在中科院上海光机所高功率激光国家实验室获硕士，1990年在英国 Southampton 大学电子和计算机科学系光电子学研究中心获博士学位。1997年 在瑞典皇家工学院电子学系获博士后研究。近十多年来，先后在英国 Cranfield 大学工程学院、英国Southampton大学工程学院和厦门大学从事光纤激光器、固体激光器和光纤光栅传感器的研究。主持或参与了多项英国国家工程和科学研究委员会和英国皇家学会资助项目的研究。主持完成福建省科技重点项目“高功率双包层光纤激光器”。参与完成福建省重大科技专项课题“LD泵浦大功率蓝光激光器”和福建省基础性研究重大项目“全固体激光器及其泵浦的光纤喇曼激光器”。在国际学术刊物和会议上发表学术论文80多篇，其中SCI收录36篇，已被380多篇论文引用，详见Research ID: <http://www.researcherid.com/rid/G-3481-2010>。

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主讲课程： • 光电子技术（本科课程）

- 激光原理（硕士研究生课）
- 光纤激光器（博士研究生课）

在研项目：

- 2 μm 波段石墨烯被动调Q掺铒双包层光纤激光器的研究，国家自然科学基金面上项目，主持，2012-2015
- 3-5 μm可调谐中红外光纤参量振荡器研究，国家自然科学基金青年项目(第一合作者)，2012-2014
- 激光电视关键技术研发，厦门市科技项目(第一合作者)，2010-2013

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- Z. Q. Luo, M. Zhou, D. D. Wu, C. C. Ye\*, J. Weng, J. Dong, H. Y. Xu, Z. P. Cai, and L. J. Chen, Graphene- Induced Nonlinear Four-Wave-Mixing and Its Application to Multiwavelength Q-Switched Rare-Earth-Doped Fiber Lasers, J. of Lightwave Technology, Vol. 29, No. 18, 2732-2739, (2011)
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- M. Zhou, Z. Q. Luo, Z. P. Cai\*, C. C. Ye, X. Xu, J. Z. Wang, Switchable and tunable multiple-channel erbium-doped fiber laser using graphene-polymer nanocomposite and asymmetric two-stage fiber Sagnac loop filter, Applied Optics, 50(18), 2940-2944 (2011)
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- Z. Q. Luo\*, J. Weng, G. M. Huang, H. Y. Xu, C. C. Ye, and Z. P. Cai, “Graphene-based passively Q-switched dual-wavelength erbium-doped fiber laser”, Optics Letters, 35, pp. 3709-3711 (2010)
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- Z. Q. Luo, Z. P. Cai, J. F. Huang, C. C. Ye, C. H. Huang, H. Y. Xu, and W. D. Zhong, "Stable and spacing-adjustable multiwavelength Raman fiber laser based on mixed-cascaded phosphosilicate fiber Raman linear cavity," Optics Letters, pp. 1602-1604, 2008.
- C. Y. Wu, C. C. Ye\*, Y. Y. Fan, X. Z. Dai, Z. Q. Luo, Z. P. Cai, "Theoretical and experimental investigation on backward-pumped Yb<sup>3+</sup>-doped double-clad fiber lasers," Proc. IEEE Photonics Global at Singapore, (Singapore, 2008), pp. 664-667
- W. C. Huang, X. L. Wang, B. R. Zheng, H. Y. Xu, C. C. Ye, Z. P. Cai, "Stable and wideband L-band erbium superfluorescent source using improved bidirectional pumping configuration," Optics Express 15 (15):9778-9783 (2007)
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