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【详细信息】

陈胤燃，清华大学博士。厦门大学信息学院计算机科学系助理教授。分别于2014年和2019年获清华大学生物医学工程专业工学学士和工学博士学位。福建省引进高层次人才（B类）、清华大学优秀博士学位论文（Top 10%）获得者。2019年度清华大学优秀毕业生（Top 4%）、2019年度北京市优秀毕业生。已发表高水平论文10余篇。IEEE会员、中国生物医学工程学会会员。IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control、IEEE Robotics and Automation Letters、IEEE Access等期刊审稿人。

主讲课程：

面向对象程序设计 C++ （本科生课程）

最优化理论与算法 （研究生课程）

【在研项目】

1. 主持：国家自然科学基金青年项目（2021-2023）
2. 主持：福建省自然科学基金青年项目（2020-2023）
3. 参与：福建省自然科学基金面上项目（2020-2023）

【发表论文】

- [1] **Y. Chen**, J. Liu, X. Luo and J. Luo, "ApodNet: Learning for High Frame Rate Synthetic Transmit Aperture Ultrasound Imaging," *IEEE Transactions on Medical Imaging*, 2021. doi: 10.1109/TMI.2021.3084821. (SCI, JCR: Q1, TOP)
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- [3] W. Fan*, Z. Zheng, W. Zeng, **Y. Chen**, H. Zeng, H. Shi, X. Luo, Robotically surgical vessel localization using robust hybrid video motion magnification, *IEEE Robotics and Automation Letters*, vol. 6, no. 2, pp. 1567-1573, 2021. (SCI, JCR: Q2)
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- [11] 陈胤燃, 何琼, 罗建文*. 基于 GPU 并行计算的超声波束合成方法 [J]. *中国生物医学工程学报*, 35(6): 677-683, 2016.
- [12] Q. He, L. Tong, L. Huang, J. Liu, **Y. Chen**, J. Luo*. Performance optimization of lateral displacement estimation with spatial angular compounding. *Ultrasonics*, 73: 9-21, 2017. (SCI, JCR: Q2)