**Dr. Li Yuanman** **(李元满)** **深圳大学**

李元满，博士，电子与信息工程学院助理教授，IEEE会员。于2012年获重庆大学软件工程专业学士。毕业后以全额奖学金推免到澳门大学，并分别于2015年和2018年获得澳门大学软件工程硕士和计算机科学博士学位。2018年9月至2019年8月于澳门大学智慧城市物联网国家重点实验室从事博士后研究。2019年9月至今就职于深圳大学电子与信息工程学院。长期从事计算机视觉，子空间学习，信息安全，图像增强等领域的科研和教学工作。获评深圳市"孔雀计划"海外高层次人才C类。在IEEE T-NNLS, IEEE T-NSE, IEEE T-IFS, IEEE T-CSVT, IEEE T-SC, IEEE CVPR, ICC, AAAI等国际权威期刊和会议上发表文章20余篇。担任IEEE Transactions on Image Processing, IEEE Transactions on Information Forensics and Security等多个期刊的审稿人。

**Teaching**

* 大数据分析（本科生）
* 机器学习（研究生）

**Award and Honor：**

* 澳门研究生科技研发奖，澳门科学技术发展基金（2018）
* 研究生全额奖学金，澳门大学（2012-2015）
* 重庆大学优秀毕业生，重庆大学（2012）
* 国家奖学金，中华人民共和国教育部（2011）
* 全国大学生数学建模大赛全国二等奖，教育部（2010）

**Positions**

* 招**2021年9月份入学** 计算机科学，软件工程，·电子信息，·数学·等方向研究生若干名
* 招 **博士后 （Postdoc. Position）**若干名（税后32W RMB起）

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**New!!!** One paper is accepted in **TITS 2022**

**New!!!** One paper is accepted in **TCSS 2021**

**New!!!** One paper is accepted in **TMM 2021**

**New!!!** One paper is accepted in **ACMMM 2021**

**New!!!** One paper is accepted in **TNSE 2021**

**New!!!** One paper is accepted in **TNNLS 2021**

**New!!!** two papers are accepted in **AAAI 2021**

**New!!!** one paper is accepted in **TCSVT 2021**

**New!!!** One paper is accepted in **IJCAI-Workshop 2021**

**New!!!** One paper is accepted in **ICC 2021**

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**Professional Activities and Affiliations**

* Member of IEEE (2018-至今)
* 中国图像图形学会（CSIG）-数字媒体取证与安全专业委员会委员 (2020.11-至今)

**Funding (Principal Investigator)**

* National Natural Science Foundation of China (NSFC), 2021.01-2022.12, **300,000RMB.**
* Overseas High-Caliber Personnel Fund, 2021.01-2022.12, **2,700,000 RMB.**
* Natural Science Foundation of Guangdong, 2020.01-2021.12, **100,000 RMB.**
* Natural Science Foundation of Shenzhen University, 2020.01-2022.12, **200,000 RMB.**
* 横向项目，2020.07-2021.12，**185,000 RMB.**

**Selected Publications**

(\*Corresponding author)

1. **New!!! Yuanman Li**, Jiantao Zhou, Junyang Chen, Jinyu Tian, Li Dong and Xia Li, “Robust Matrix Factorization via Minimum Weighted Error Entropy Criterion”, ***IEEE Transactions on Computational Social Systems (T-CSS)***, in press, 2021.
2. **New!!! Yuanman Li**, R. Q. Liang, W. Wei, W. Wang, J. T. Zhou and X. Li, “Temporal Pyramid Network with Spatial-Temporal Attention for Pedestrian Trajectory Prediction”, ***IEEE Transactions on Network Science and Engineering (T-NSE)***, in press, 2021.
3. **New!!! Yuanman Li**, J. T. Zhou, J. Y. Tian, X. W. Zheng and Y. Y .Tang, “Weighted Error Entropy based Information Theoretic Learning for Robust Subspace Representation”, ***IEEE Transactions on Neural Networks and Learning Systems (T-NNLS)***, in press, 2021.
4. **New!!!** Y. C. Su (Student), J. Du, **Yuanman Li\***, X. Li, Z. Y. Hua and J. T Zhou, “Trajectory Forecasting Based on Prior-Aware Directed Graph Convolutional Neural Network”,[***IEEE Transactions on Intelligent Transportation Systems***](https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6979) ***(T-ITS)***, in press, 2022.
5. **New!!!** J. X. You (Student), **Yuanman Li**\*, J. T. Zhou, Z. Y. Hua, W. W. Sun and X. Li, “A Transformer based Approach for Image Manipulation Chain Detection”, ***ACM Multimedia (ACM MM-21)***, 2021.
6. **New!!!** R. Q. Liang (*Student*), **Yuanman Li \*,** X. Li, Y. Tang, J. T. Zhou and W. B. Zou, “Temporal Pyramid Network for Pedestrian Trajectory Prediction with Multi-Supervision”, ***AAAI Conference on Artificial Intelligence (AAAI)***, 2021.
7. **New!!!** J. Y. Tian, J. T. Zhou and **Yuanman Li**, “Deep Generative Model for Image Inpainting with Local Binary Pattern Learning and Spatial Attention”, ***IEEE Transactions on Multimedia (T-MM)***, 2021.
8. **New!!!** J. Y. Tian, J. T. Zhou, **Yuanman Li** and J. Duan, “Detecting Adversarial Examples from Sensitivity Inconsistency of Spatial-Transform Domain”, ***AAAI Conference on Artificial Intelligence (AAAI)***, 2021.
9. **New!!!** W. W. Sun, J. T. Zhou, **Yuanman Li**, M. Cheung and J. She, “Robust High Capacity Watermarking over Online Social Network Shared Images”, ***IEEE Transactions on Circuits and Systems for Video Technology (T-SCVT)***, in press, 2021.
10. **New!!!** Z. Y. Hua, K. Y. Zhang, **Yuanman Li** and Y. C. Zhou, “Visually secure image encryption using adaptive-thresholding sparsification and parallel compressive sensing”, ***Signal Processing***, in press, 2021.
11. **New!!!** Z. Y. Hua, Z. H. Zhu, Y. Y. Chen and **Yuanman Li**, “Color image encryption using orthogonal Latin squares and a new 2D chaotic system”, ***Nonlinear Dynamics***, in press, 2021.
12. **New!!!** Z. Y. Hua, J. X. Li, **Yuanman Li** and Y. Y. Chen “Image encryption using value-differencing transformation and modified ZigZag transformation”, ***Nonlinear Dynamics***, in press, 2021.
13. **New!!!** [Li Dong](https://www.scholat.com/dongl), [Jie Wang](https://www.scholat.com/search/papersearch.jsp?q=Jie%20Wang&fq=Paper&isInsideSearch=1), [Rangding Wang](https://www.scholat.com/search/papersearch.jsp?q=Rangding%20Wang&fq=Paper&isInsideSearch=1), [Yuanman Li](https://www.scholat.com/search/papersearch.jsp?q=Yuanman%20Li&fq=Paper&isInsideSearch=1), [Weiwei Sun](https://www.scholat.com/search/papersearch.jsp?q=Weiwei%20Sun&fq=Paper&isInsideSearch=1). International Joint Conference on Artificial Intelligence - International Workshop on Safety & Security of Deep Learning (***IJCAI -Workshop***), 2021.
14. **New!!!** W. Wang, B. X. Lu, **Yuanman Li**, W. Wei, J. Q. Li, S. Mumtaz and M. Guizani, “Task Scheduling Game Optimization for Mobile Edge Computing”, ***IEEE International Conference on Communications (ICC)***, in press, 2021.

**JOURNAL**:

1. J. Duan, J. T. Zhou and **Yuanman Li,** “Privacy-Preserving distributed deep learning based on secret sharing”, ***Information Science (Inf. Sci.)***, vol. 527, pp. 108-127, 2020.
2. J. Duan, J. T. Zhou and **Yuanman Li, “**Secure and Verifiable Outsourcing of Large-scale Nonnegative Matrix Factorization (NMF)”, accepted in **IEEE Trans. on Services Computing (T-SC),**2019.
3. **Yuanman Li**and J. T. Zhou, “Fast and Effective Image Copy-Move Forgery Detection via Hierarchical Feature Point Matching”, ***IEEE Trans. on Inf. Forensics and Security (T-IFS),*** vol. 14, no. 5, pp. 1307-1322, 2019.
4. **Yuanman Li**, J. T. Zhou, and A. Cheng, “SIFT Keypoint Removal via Directed Graph Construction for Color Images”, ***IEEE Trans. on Inf. Forensics and Security (T-IFS)***, vol. 12, no. 12, pp. 2971-2985, 2017.
5. **Yuanman Li**, J. T. Zhou, A. Cheng, X. M. Liu, and Y. Y. Tang, “SIFT Keypoint Removal and Injection via Convex Relaxation”, ***IEEE Trans. on Inf. Forensics and Security (T-IFS)***, vol. 11, no. 8, pp. 1722-1735, 2016.
6. **Yuanman Li** and J. T. Zhou, “Anti-Forensics of Lossy Predictive Image Compression”, ***IEEE Signal Processing Letters* (SPL)**, vol. 22, no. 12, pp. 2219-2223, 2015.

**CONFERENCE**

1. **Yuanman Li**, J. T. Zhou, X. W. Zheng, J. Y. Tian and Y. Y. Tang, “Robust Subspace Clustering with Independent and Piecewise Identically Distributed (i.p.i.d.) Noise Modeling”, ***IEEE Conf. Comput. Vis. and Pattern Recogn. (CVPR)***, 2019 (Oral, AR 5.6%).
2. H.W.WU, J.T. Zhou, **Yuanman Li**, “Image Reconstruction from Local Descriptors Using Conditional Adversarial Networks“, *In Proceedings of APSIPA Annual Summit and Conference (ASC-2019)*, 2019. (**Oral**)
3. **Yuanman Li** and J. T. Zhou, “Image Copy-Move Forgery Detection Using Hierarchical Feature Point Matching”, *In Proceedings of APSIPA Annual Summit and Conference (ASC-2016)*, 2016. (**Oral**)
4. J. Duan, J. T. Zhou, and **Yuanman Li**, “Secure and Verifiable Outsourcing of Nonnegative Matrix Factorization (NMF)”, *In Proceedings of ACM Workshop on Information Hiding and Multimedia Security (IH&MMSec-16)*, 2016.
5. Y. Y. Li, J. T. Zhou, and **Yuanman Li**, “Ciphertext-Only Attack on an Image Homomorphic Encryption Scheme with Small Ciphertext Expansion”, *In Proceedings of ACM Multimedia (ACM MM-15)*, 2015.
6. A. Cheng, **Yuanman Li**, and J. T. Zhou, “SIFT Keypoint Removal via Convex Relaxation”, *In Proceedings of IEEE International Conference on Multimedia and Expo (ICME-15)*, 2015 (Oral, AR 15%).
7. Y. Y. Li, J. T. Zhou, **Yuanman Li**, and O. C. Au, “Reducing the Ciphertext Expansion in Image Homomorphic Encryption via Linear Interpolation Technique”, *In Proceedings of IEEE Global Conference on Signal and Information Processing (GlobalSIP-15)*, 2015.
8. **Yuanman Li** and J. T. Zhou, “Sparsity-driven reconstruction of L]-decoded images”, *In Proceedings of IEEE International Conference on Image Processing (ICIP-14)*, 2014.
9. L. Dong, J. Wang, **Yuanman Li** and Y. Y. Tang,“Sector projection fourier descriptor for Chinese character recognition”, *In Proceedings of IEEE International Conference on Cybernetics (CYBCONF)*, 2013.
10. H. W. Luo, L. N. Wang, **Yuanman Li**, H. L. Yuan and Y. Y. Tang, “Feature extraction based on discriminant analysis with penalty constraint for hyperspectral image classification”, *In Proceedings of* [*International Conference on Machine Learning and Cybernetics*](https://ieeexplore.ieee.org/xpl/conhome/6880948/proceeding) *(CYBCONF)*, 2013*.*

联系方式

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