|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ranking | Team Name | Leader Name/Affiliation | Code Link | Factsheet |
| 1 | VisionLabs | Parkin, Aleksandr/VisionLabs | <https://github.com/AlexanderParkin/ChaLearn_liveness_challenge>  | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-1-VisionLabs-parkin-VisionLabs.pdf> |
| 2 | ReadSense | Tao Shen/ReadSense | <https://github.com/SeuTao/CVPR19-Face-Anti-spoofing-Attack-Detection-Challenge>And the trained models (baidu cloud): [https://pan.baidu.com/s/12caewIQDdY3vmSJ977tFRQ](https://pan.baidu.com/s/12caewIQDdY3vmSJ977tFRQ%22%20%5Cl%20%22inbox/_blank%22%20%5Ct%20%22https%3A//mail.google.com/mail/) password: bvpv  | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-2-ReadSense-SeuTao-ReadSense.pdf> |
| 3 | Feather | Zhang Peng/Intel | [https://pan.baidu.com/s/1VgBAWB06MSJPJz7zmabKmA](https://pan.baidu.com/s/1VgBAWB06MSJPJz7zmabKmA%22%20%5Cl%20%22inbox/_blank%22%20%5Ct%20%22https%3A//mail.google.com/mail/) password: 8v14 | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-3-Feather-Zpengi-intel.pdf> |
| 4 | Hahahaha | Lishua/Megvii |  <https://github.com/hahahahaliveness/game> | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-4-hahahaha-lishuai-Megvii.pdf> |
| 5 | MAC-adv-group | Kuang Huafeng/Xiamen University | <https://github.com/SkyKuang/Face-anti-spoofing>  | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-5-MAC-adv-group-kuanghuafeng-XiamenUniversity.pdf> |
| 6 | ZKBH | Xue Jiachen/biomhope | <https://github.com/yueyechen/PAD> | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-6-ZKBH-xuejiachen-biomhope.pdf> |
| 7 | VisionMiracle | Kai zuo/VisonMarcle | <https://github.com/zzzkk2009/casia-surf-2019-codes>  | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-7-VisionMiracle-kaizuo-VisionMiracle.pdf> |
| 8 | GradiantResearch | David Jiménez-Cabello/Gradiant | [https://portal.gradiant.org/GradBox/index.php/s/Zj6p0Vw1fj9731B](https://portal.gradiant.org/GradBox/index.php/s/Zj6p0Vw1fj9731B%22%20%5Cl%20%22inbox/_blank%22%20%5Ct%20%22https%3A//mail.google.com/mail/) pass:BUeypSxUhvKz0 | [http://chalearnlap.cvc.uab.es/media/results/CVPR19-8-GradiantResearch-David Jimenez-Cabello.pdf](http://chalearnlap.cvc.uab.es/media/results/CVPR19-8-GradiantResearch-David%20Jimenez-Cabello.pdf) |
| 9 | vipl-bpoic | Guoqing Wang/ICT, CAS | <https://github.com/wgqtmac/MultiModalPAD> | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-9-vipl-bpoic-guoqingwang-ICTCAS.pdf> |
| 10 | Massyhnu | Le Qin/Hunan University | <https://github.com/pp21/CIF_EL_Face_PAD> | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-10-Massyhnu-leqin-hunanUniversity.pdf> |
| 11 | AI4all | Haoyue Li/BUPT | <https://github.com/0502lian/Face-Anti-spoofing> | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-11-AI4all-haoyueli-BUPT.pdf> |
| 12 | Guillaume | Heusch/Idiap Research Institute | https://gitlab.idiap.ch/bob/bob.project.chalearn\_pad[https://www.idiap.ch/~heusch/chalearn\_pad/model\_4\_0.pth](https://www.idiap.ch/~heusch/chalearn_pad/model_4_0.pth%22%20%5Cl%20%22inbox/_blank%22%20%5Ct%20%22https%3A//mail.google.com/mail/) | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-12-Guillaume-heusch-idiap.pdf> |
| Invited participate | vivi | Haocheng Feng/Baidu | [https://pan.baidu.com/s/1DYc2sJQ8tsAj7juqH\_wHWA](https://pan.baidu.com/s/1DYc2sJQ8tsAj7juqH_wHWA%22%20%5Cl%20%22inbox/_blank%22%20%5Ct%20%22https%3A//mail.google.com/mail/) password : gixs | <http://chalearnlap.cvc.uab.es/media/results/CVPR19-vivi-haochenfeng-baidu.pdf> |