Common Forgery Traces based Methods Classifier Real **Detection** Capture Common Network **Forgery Traces** Fake Input **Meta-learning based Methods** few examples Learning-to-Weight Additional Adjustment · Stage One-Shot Test-Time Fine-tuning with few examples to improve generalization. Classifier Real **Detection** Meta-learning Network Fake Input **Our Method** frequency stream embedding space forgery relationship perception spatial stream Classifier Real Forgery **Detection** Forgery Guided Network Perception Fake Learning few examples model weight Input analyze the differences of forgery d Small Controlling the direction and magnitude Network of model parameter updates.