



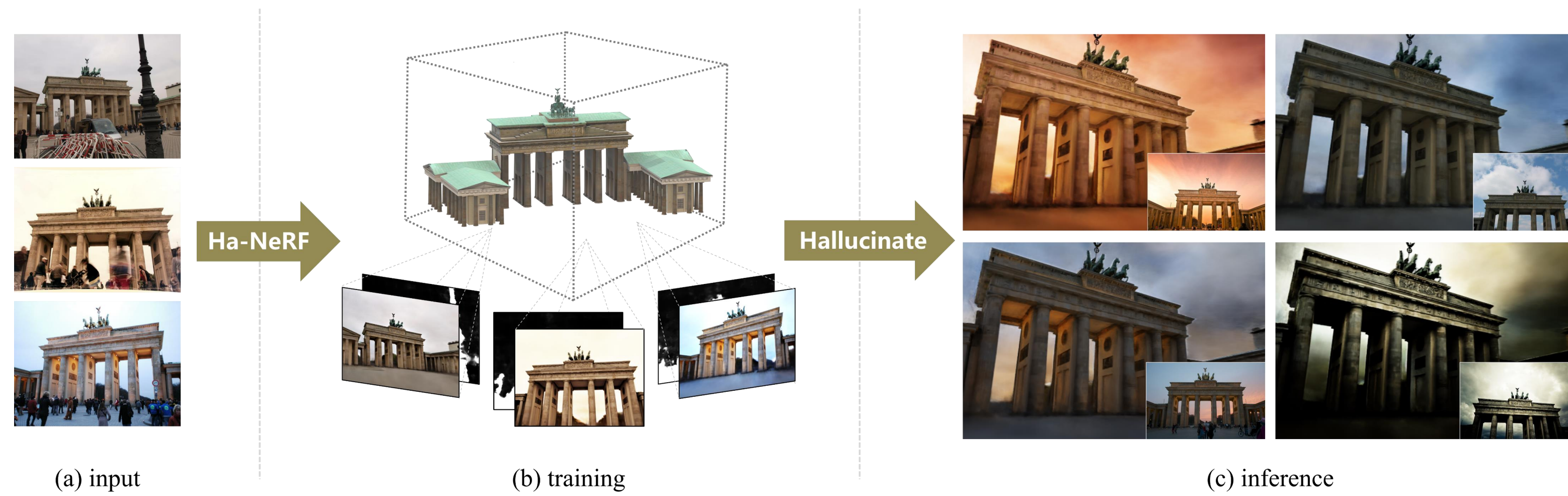
Hallucinated Neural Radiance Fields in the Wild

Xingyu Chen¹ Qi Zhang^{2†} Xiaoyu Li² Yue Chen¹ Ying Feng² Xuan Wang² Jue Wang²

¹Xi'an Jiaotong University ²Tencent AI Lab

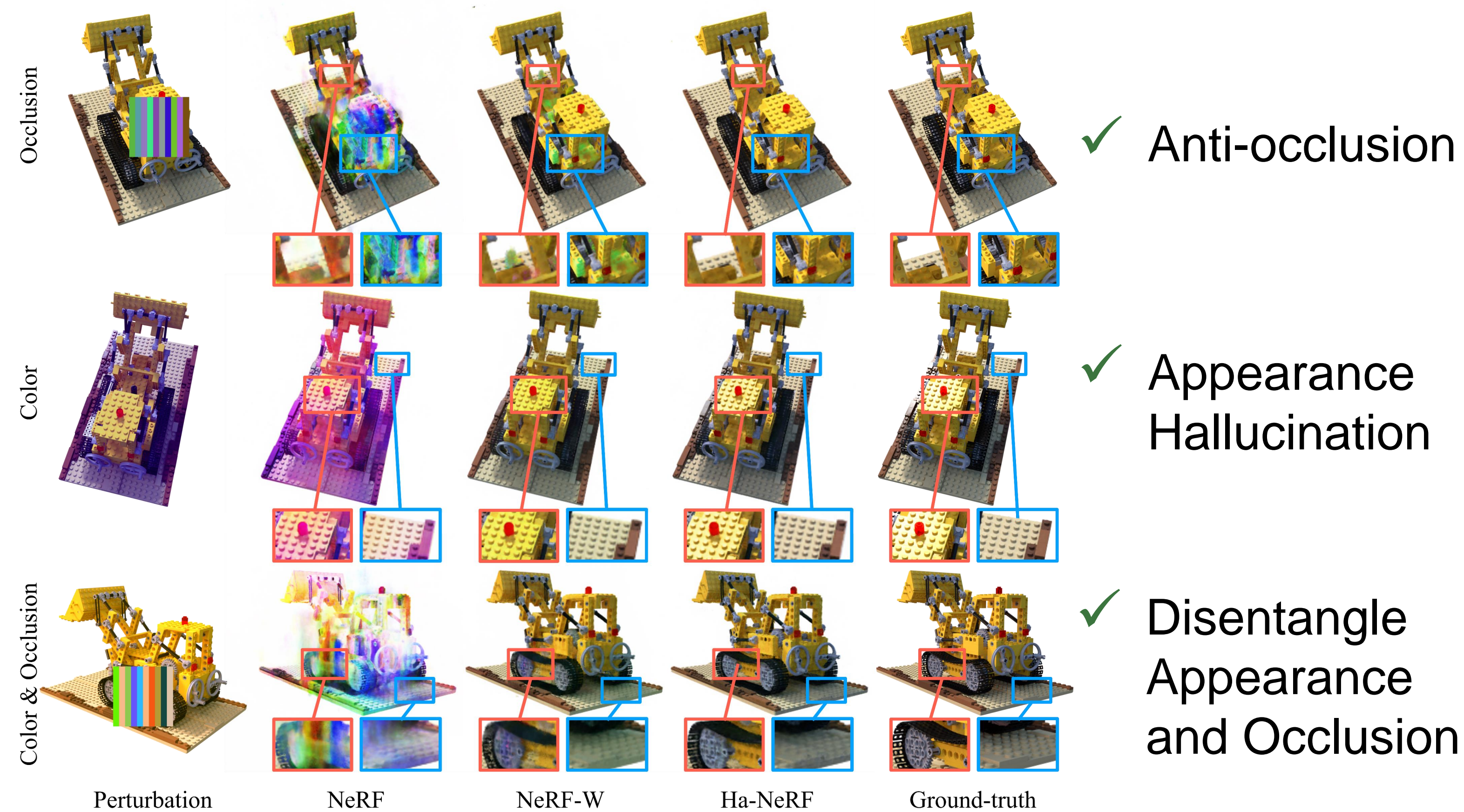


Motivation

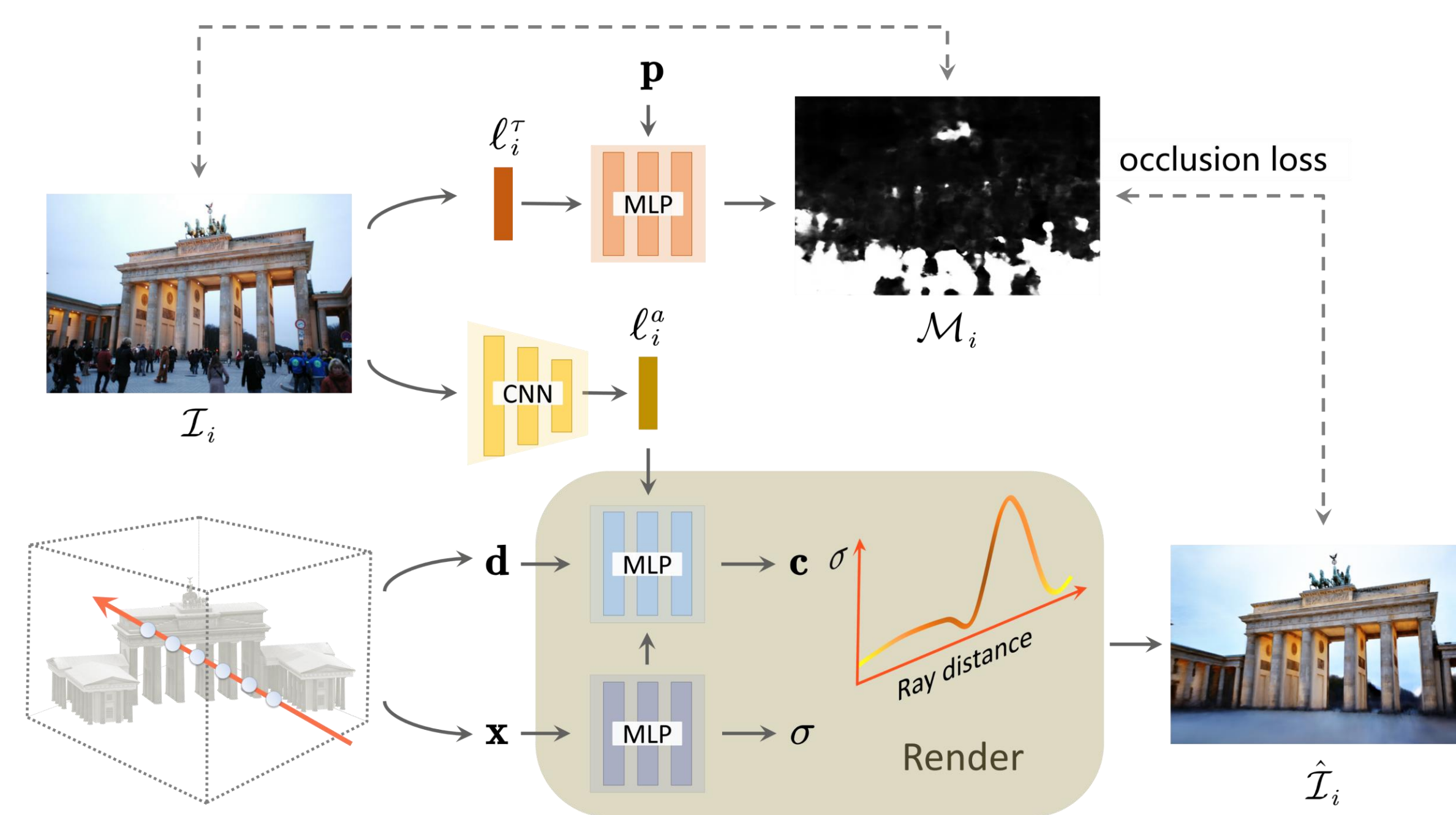


- How to recover (b) neural radiance fields from (a) a group of **tourism images** with **variable appearance** and **occlusions**?
- How to consistently render (c) free-occlusion views which **hallucinate different appearances**?

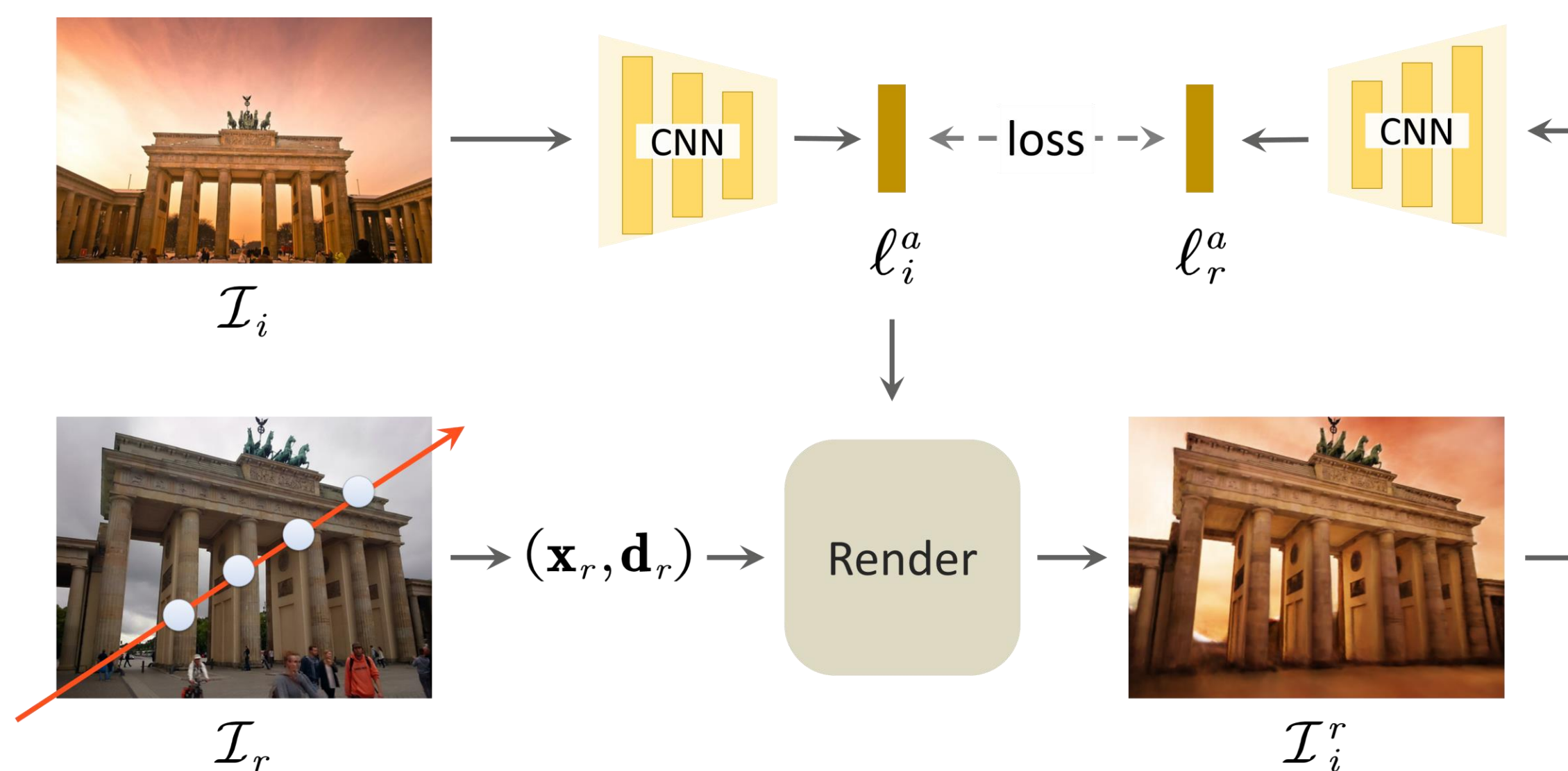
The Challenge



Our Method

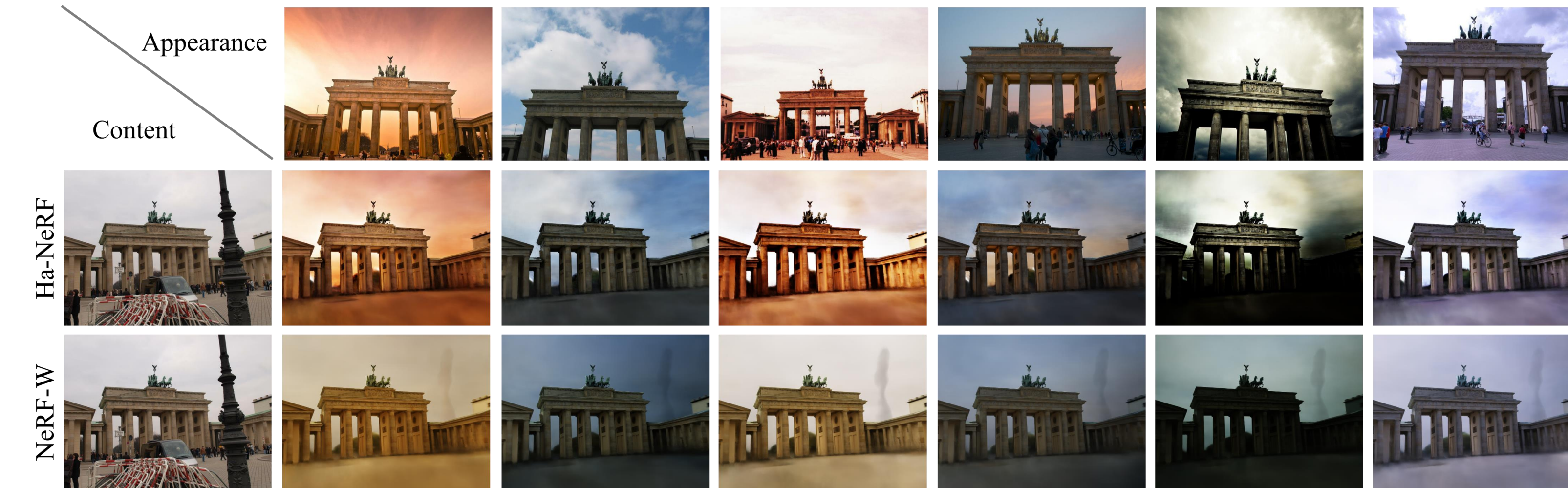


View-consistent Appearance

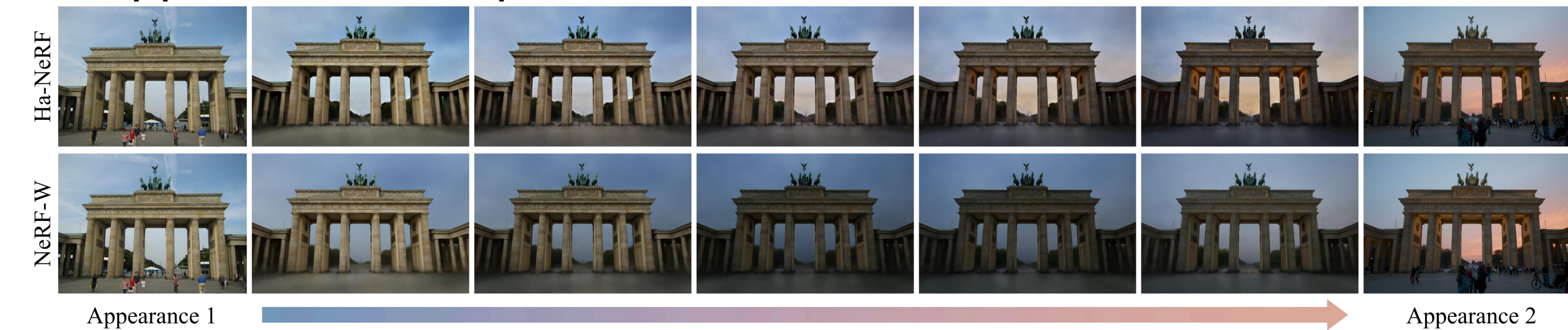


Results

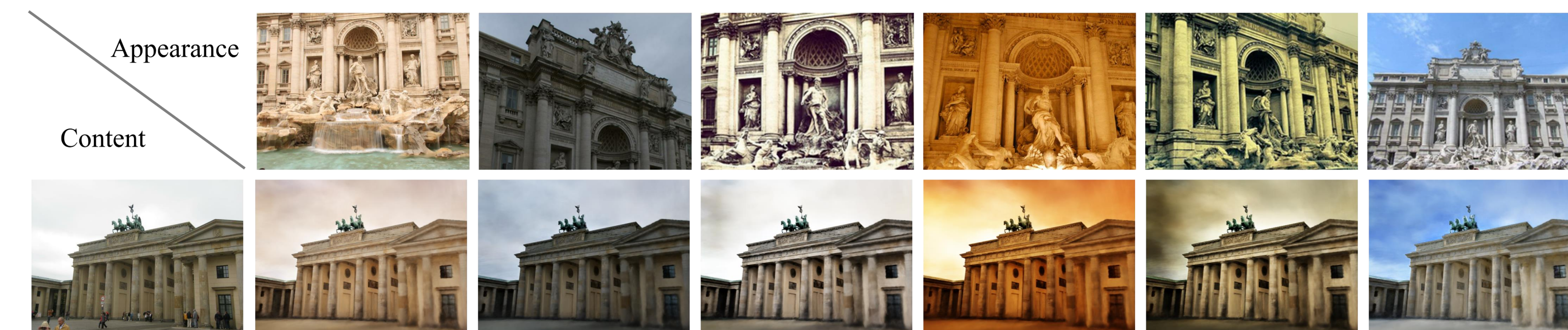
Appearance Hallucination



Appearance Interpolation



Cross Dataset Hallucination



Artwork Hallucination

