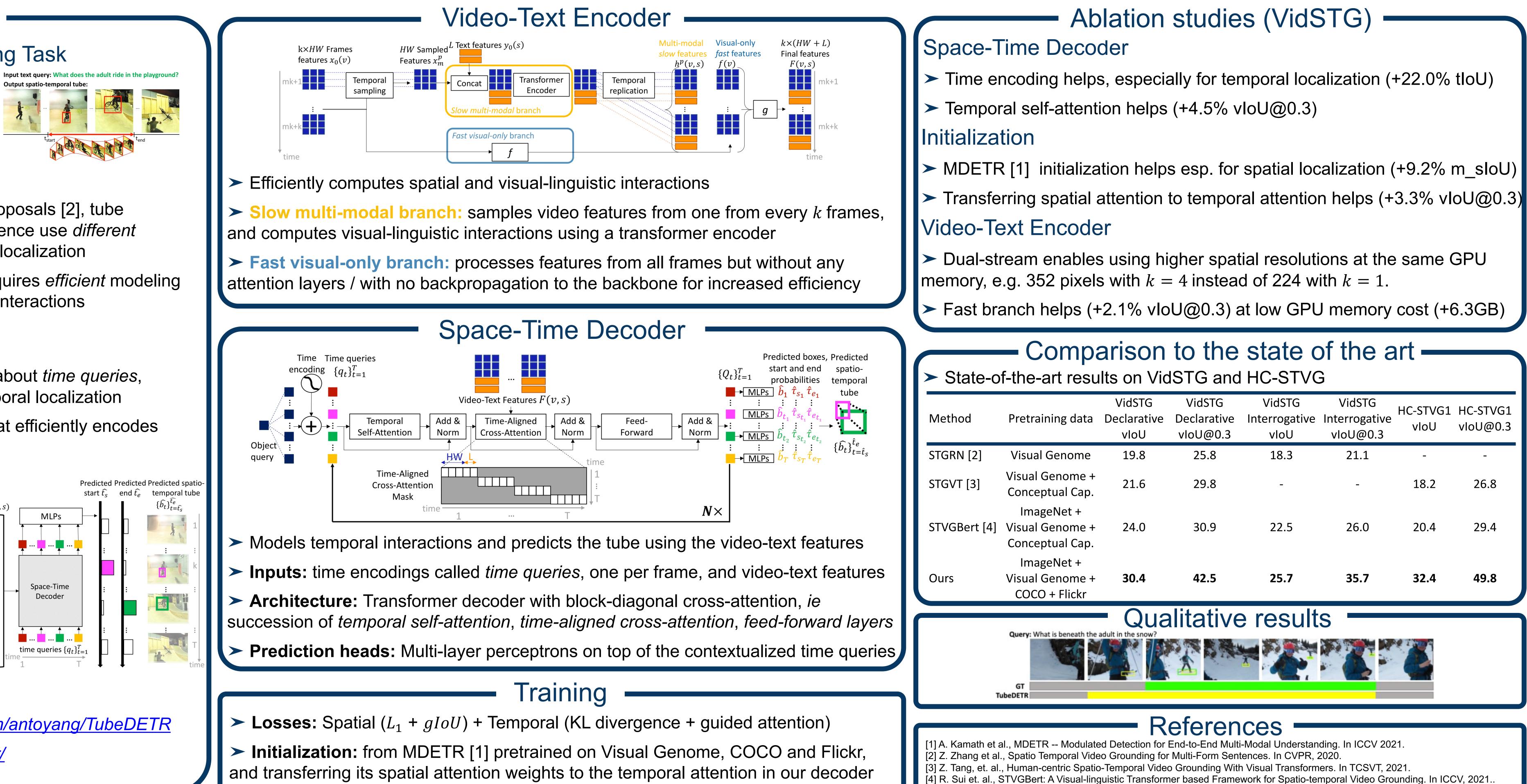
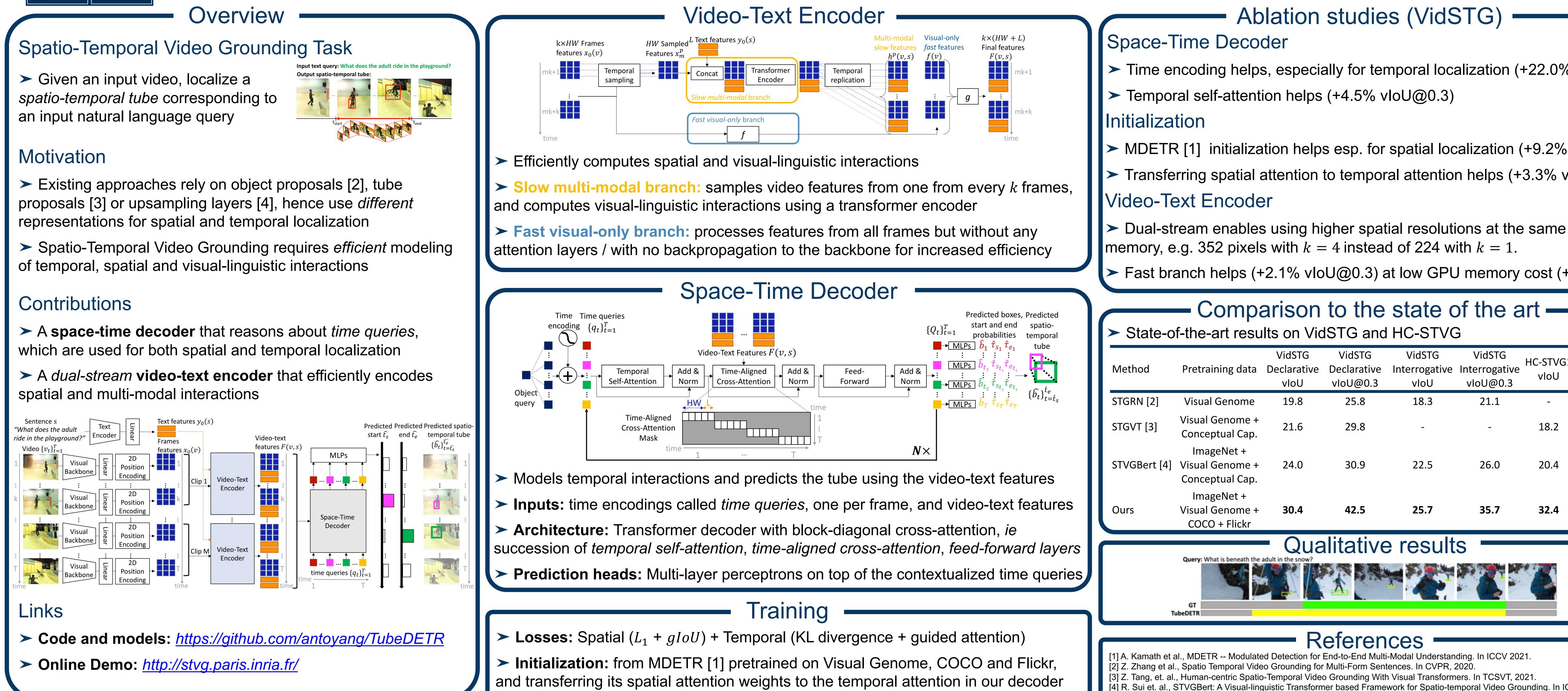


¹Inria Paris





TubeDETR: Spatio-Temporal Video Grounding with Transformers

Antoine Yang^{1,2}, Antoine Miech³, Josef Sivic⁴, Ivan Laptev^{1,2}, Cordelia Schmid^{1,2} ²Ecole Normale Supérieure, PSL

³DeepMind ⁴CIIRC, CTU in Prague





| son to the state of the art | | | | | |
|-----------------------------|-----------------------------------|---------------------------------|-------------------------------------|------------------|----------------------|
| dSTG arative vloU | VidSTG Declarative vloU@0.3 | VidSTG Interrogative vloU | VidSTG Interrogative vIoU@0.3 | HC-STVG1 vloU | HC-STVG1 vloU@0.3 |
| L9.8 | 25.8 | 18.3 | 21.1 | - | - |
| 21.6 | 29.8 | - | - | 18.2 | 26.8 |
| 24.0 | 30.9 | 22.5 | 26.0 | 20.4 | 29.4 |
| 80.4 | 42.5 | 25.7 | 35.7 | 32.4 | 49.8 |