

Abstract

- The largest video dataset for soccer **video understanding**
- Contains **>850 hours of video** and **5.5 million annotations**
- Open **challenges** for everyone
- Check our **video!**



Dense Video Captioning

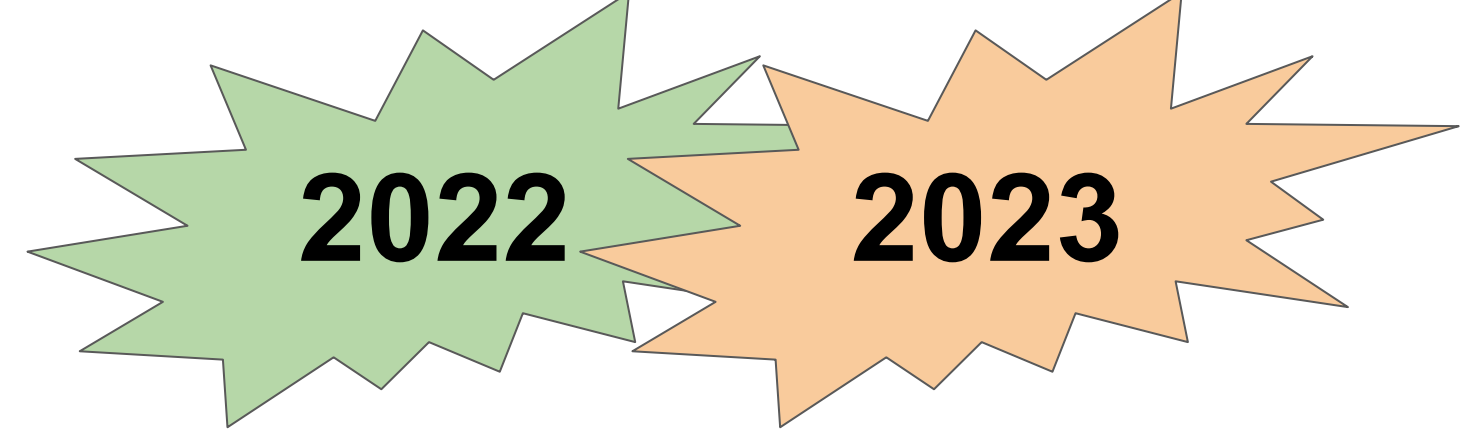


Goal: Describe the events happening in an untrimmed video by anchoring the captions in time.

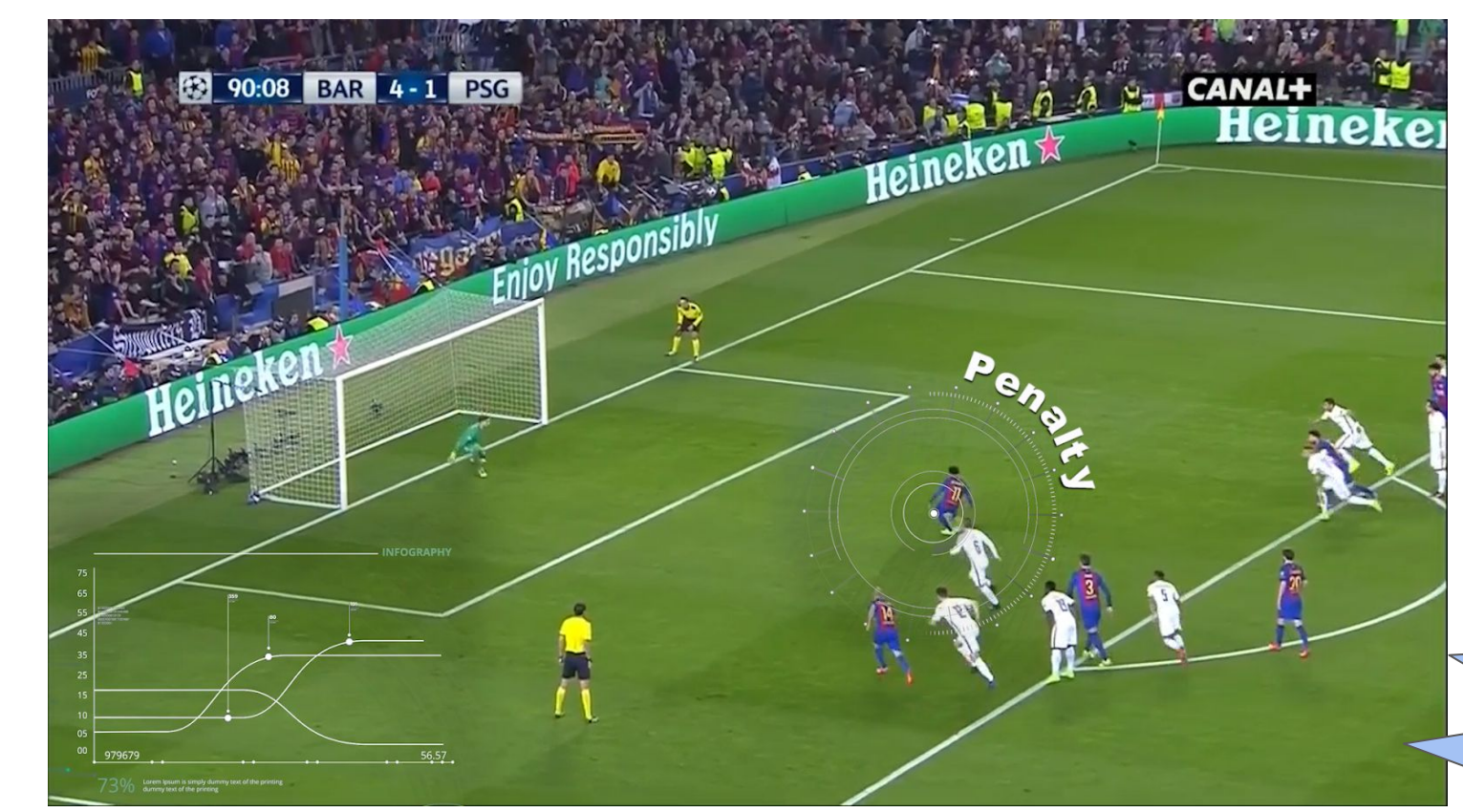


Multiple Object Tracking

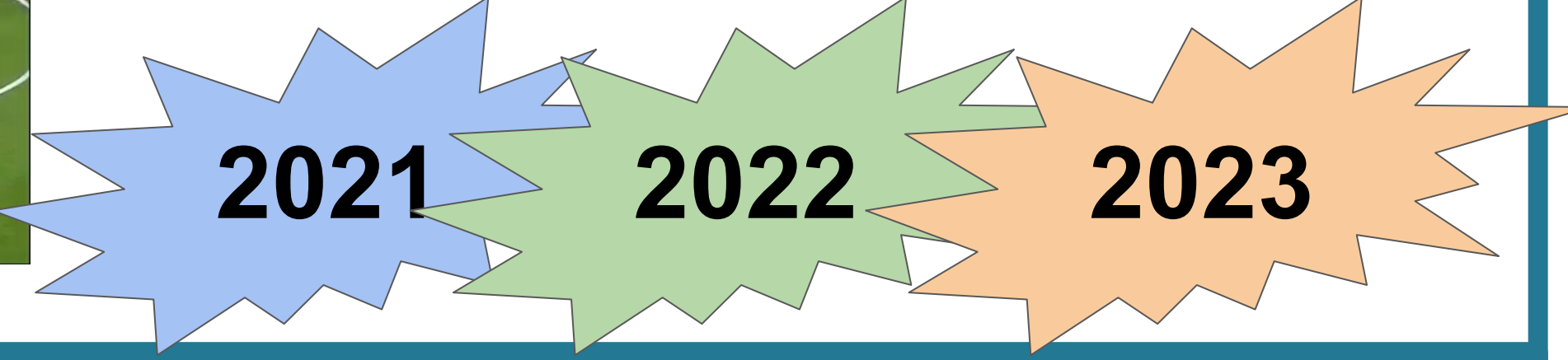
Goal: Detect and track all moving objects on the field such as players, referees and the ball



Action Spotting



Goal: Spot the exact frame of actions in untrimmed broadcast videos.

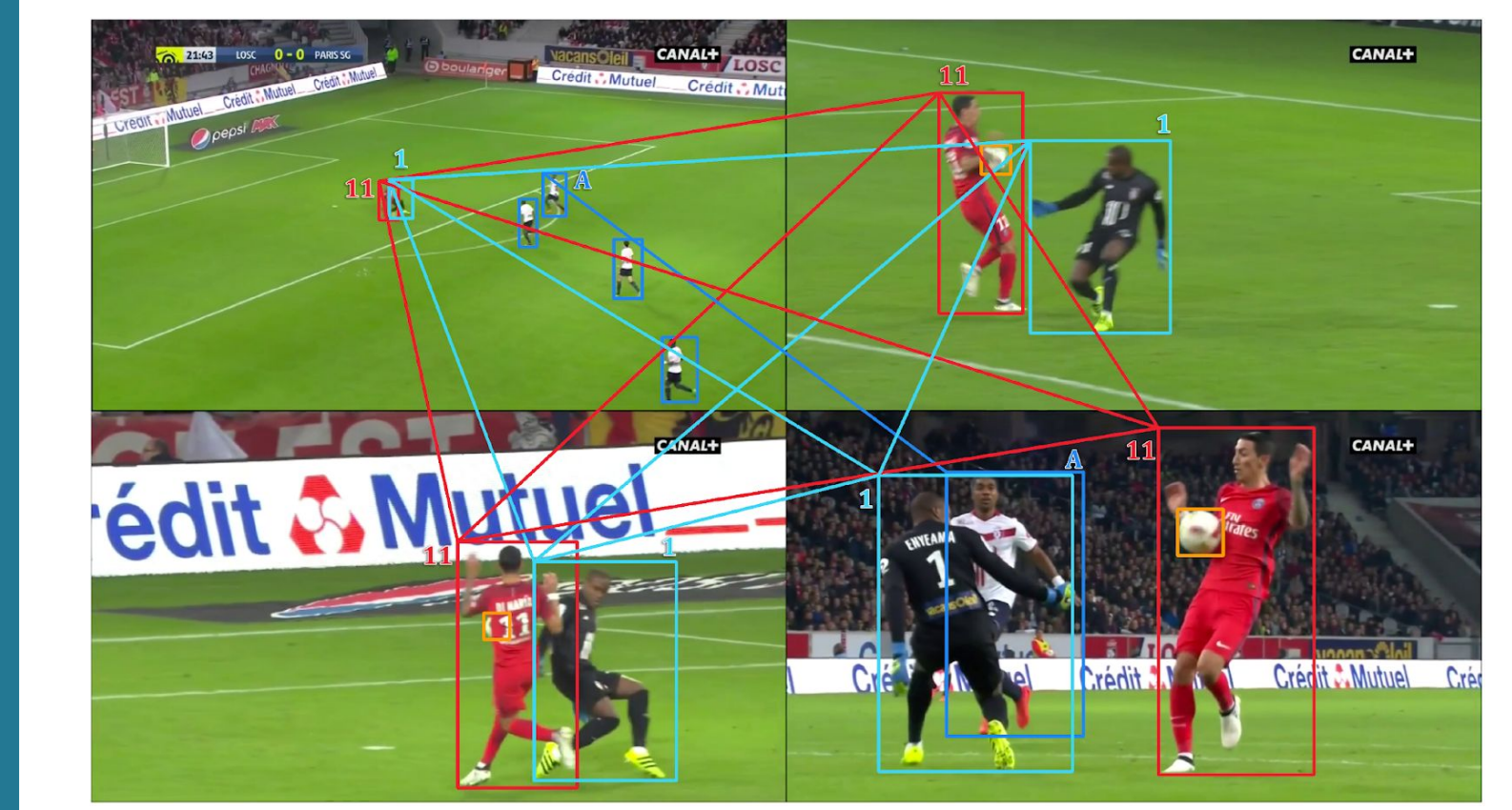


Camera Calibration

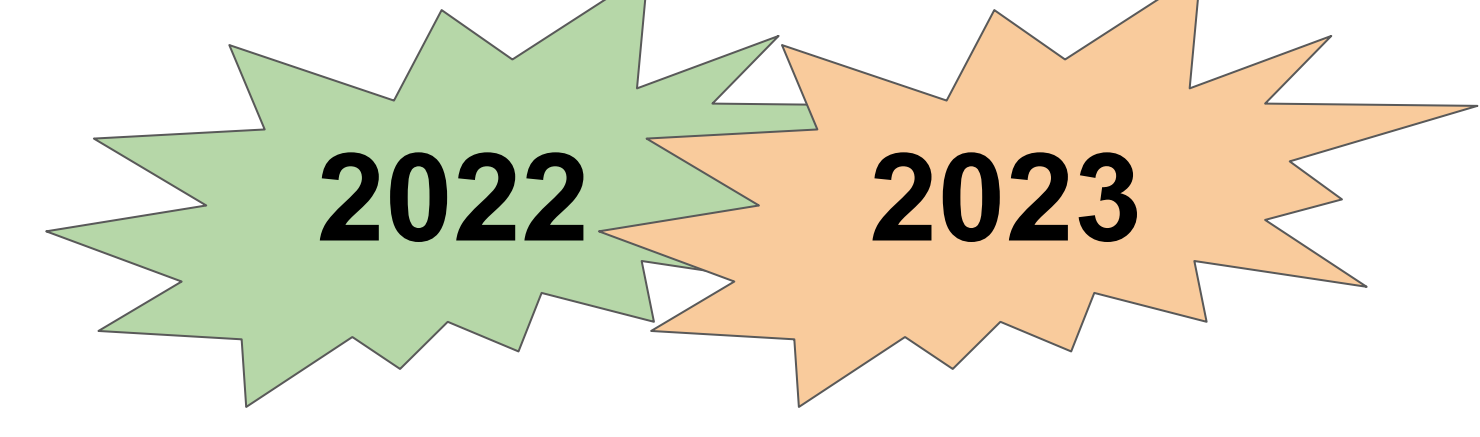
Goal: Retrieve the camera parameters to transfer the data points from the 2D image to the 3D real world.



Player Re-Identification

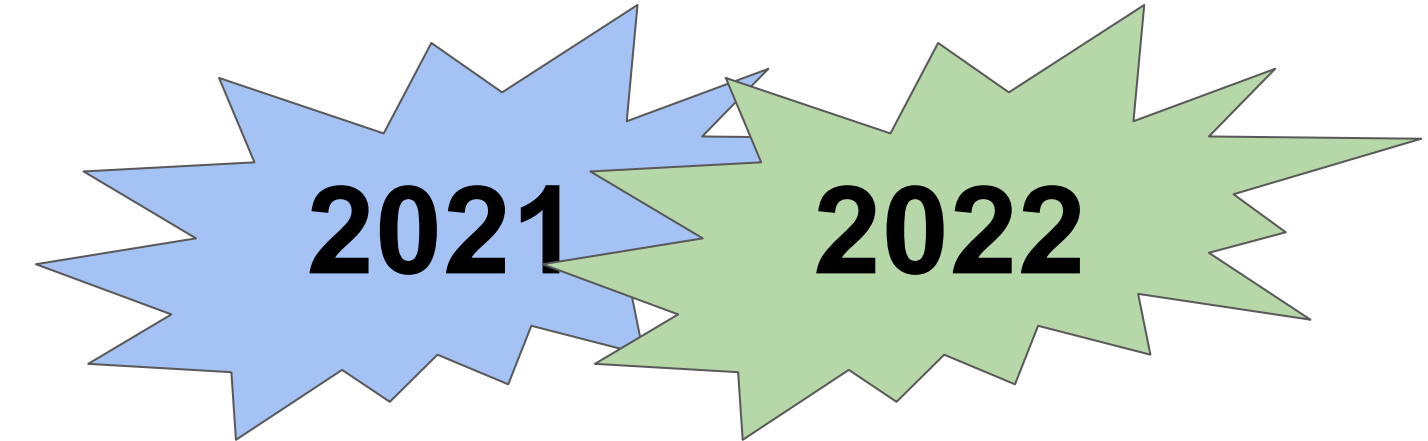
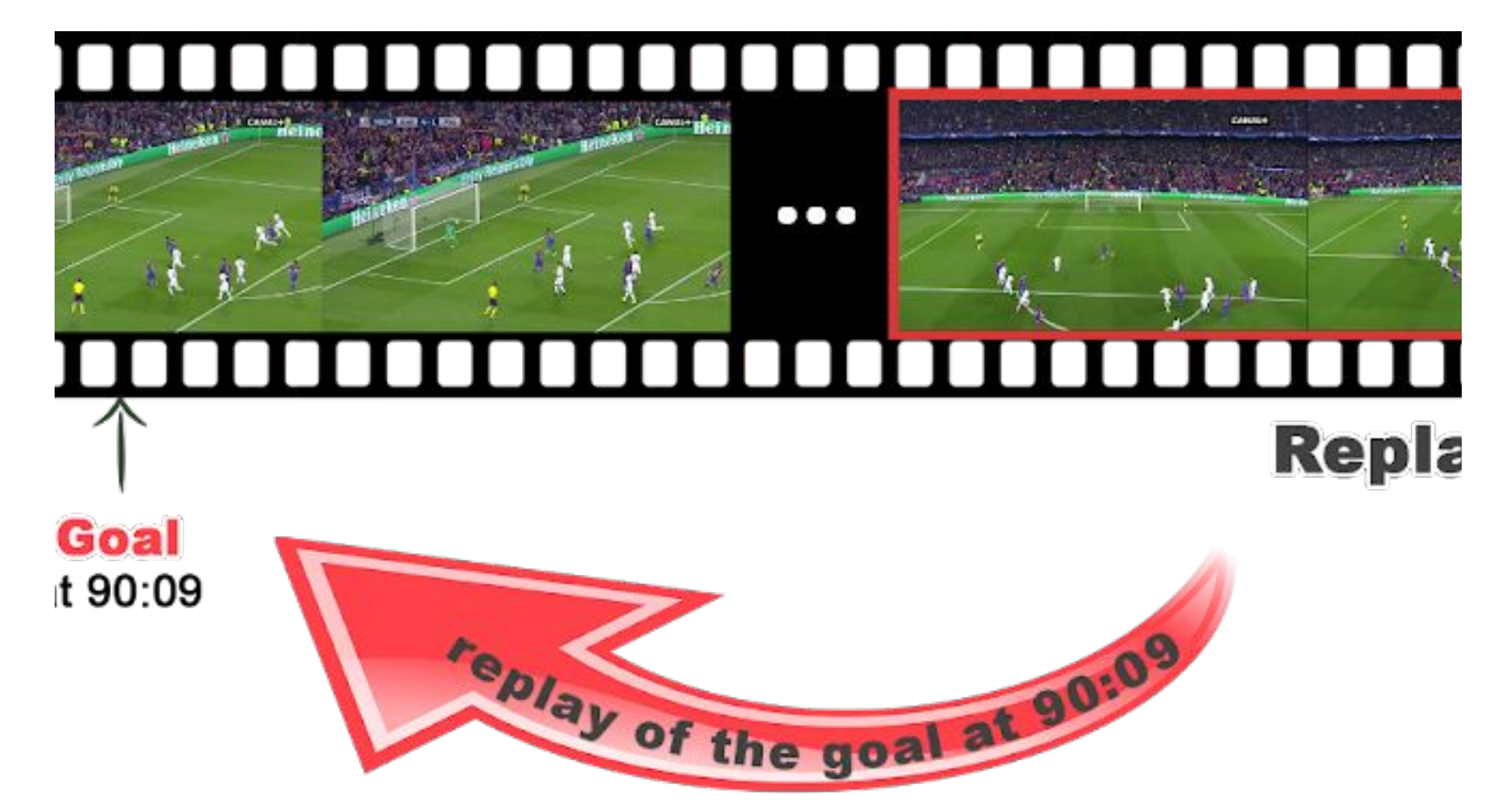


Goal: Identify the same player across multiple views of the same scene.

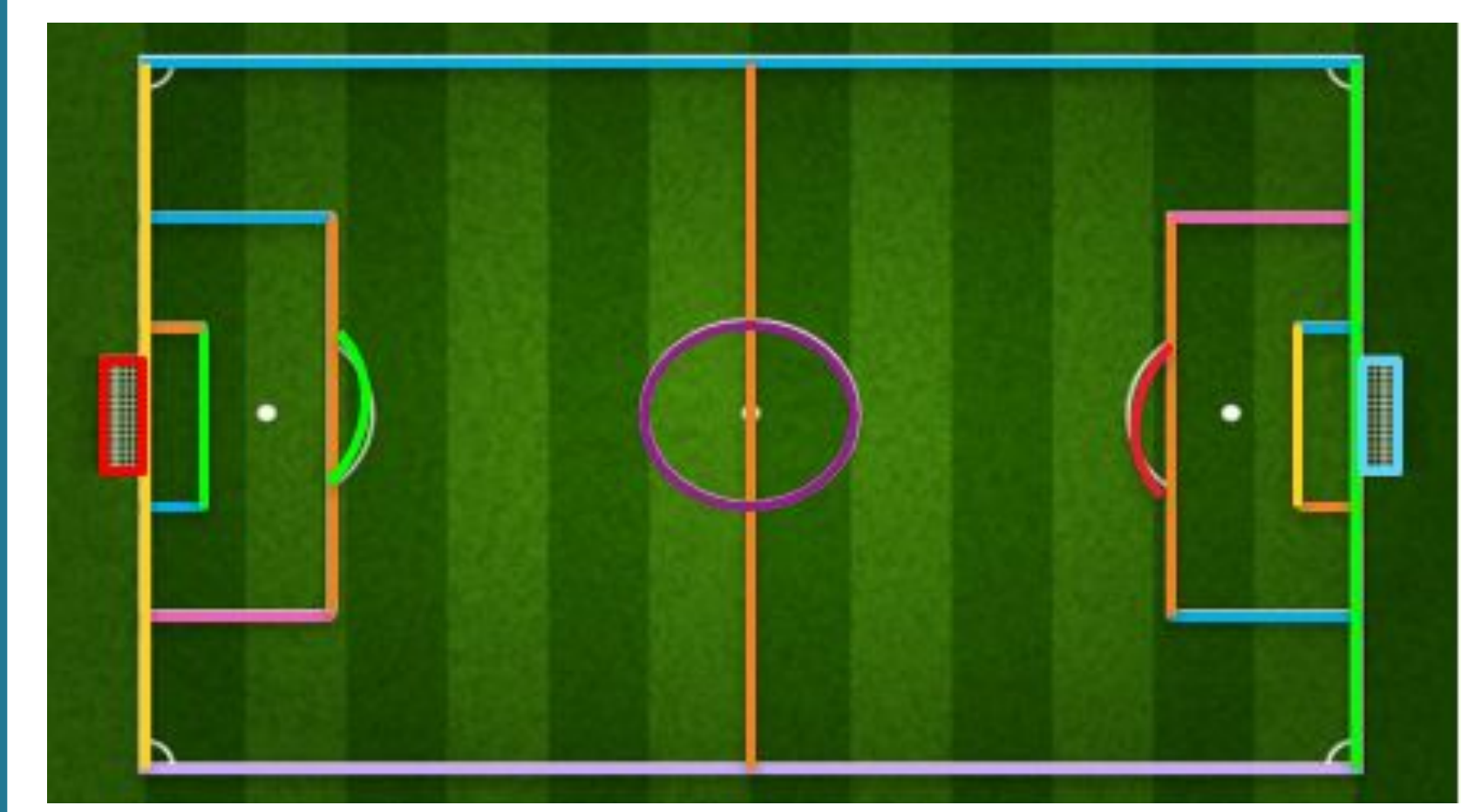


Replay Grounding

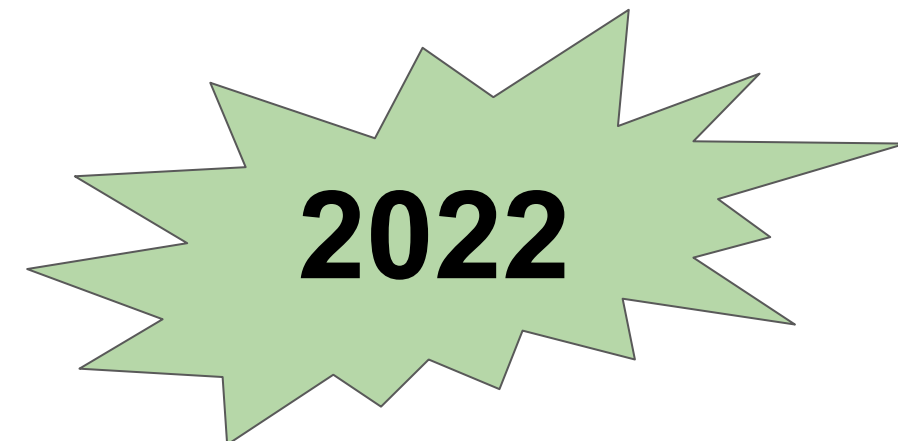
Goal: Retrieve the live action shown in a replay within the untrimmed video.



Field Localization



Goal: Retrieve all soccer pitch lines and goal posts in the image.



Jersey Number Recognition

Goal: Recognize the jersey number on the back of players from a video tracklet centered on the player.

