**#2** Applying “**VIDEO object tracking technology**” to Sports.   ***“MEGA”*** **Challenge** – might be too complex for Hack BUT huge market potential?  Are you up to the challenge?

Before every **football** game Georgia Tech’s football staff breaks down opponent game film to identify opponent’s game patterns, tendencies, and strategies.  Football uses this data to create insights into opponents, GT game strategies and GT play input.  The primary challenge is collecting data from Video.

Determine how to use “object tracking” technology to decipher and collect play data from Video and feed into XOs Digital Software.  Actual game film and corresponding data sheets will be provided.  Corresponding Football staff will be around Saturday to assist in Hackathon.  This includes current NFL players.  *Future engagement by GT football to winner for longer term highly likely.*

**Basketball** also wants to use Video “object tracking” technology to collect data from practices and games.  The data can then be provided in a dashboard form showing key metrics, tendencies, and other analytical insights.  Corresponding Basketball staff will participate in Hackathon.

Possible technology:

* Tensor Flow?
* Pelori.io? TBC. GT CreateX student startup.  Experts in Object Tracking technology.  Will be present and demo/offer their technology to assist with challenge.
* Other?

GT vs Temple video links:

1. GT vs TEMPLE (GAME ORDER) -

<https://www.dropbox.com/s/wk1wlnn42d8umff/1904%20GATC%20CONT%20vs%20PATE.mp4?dl=0>

2. GT (DEF) vs TEMPLE -  <https://www.dropbox.com/s/ogzrenm7uct96fv/1904%20GATC%20DEF%20vs%20PATE.mp4?dl=0>

3. GT (OFF) vs TEMPLE -  <https://www.dropbox.com/s/bdddyo9n8pwaspt/1904%20GATC%20OFF%20vs%20PATE.mp4?dl=0>

4. GT (KICK) vs TEMPLE -  <https://www.dropbox.com/s/z6sazsp6575u1c2/1904%20GATC%20KICK%20vs%20PATE.mp4?dl=0>

Here is the software the data goes into.

<https://www.xosdigital.com/>