

CSC 2541: Sport Analytics

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University of Toronto

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Today

- Administration details
- Student introduction
- Challenges

Admin Details: Course Stuff

- Weekly **Office hours** (2h):
 - ▶ feedback about challenges/project/quizzes
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<https://docs.google.com/a/ttic.edu/forms/d/e/1FAIpQLSdrIXFZXoM0jrfyjCTjSlIoCsd8-70vVSAwrlGpAQz3qA500w/viewform>

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 - ▶ **Computer Vision:** at least undergrad level course

- No textbook
- We will be reading papers
- You might need to consult books
- Learning by researching

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Let's get to know you!

Link

1. Name and email
2. Background: department where you are at, which year, masters/phd/applied masters, etc
3. Research topic/ interest for grad studies
4. Supervisor
5. Experience in machine learning, computer vision and/or sports analytics
6. Why are you taking this course?
7. Particular topics you will like to have covered in class

If you haven't submitted your pdf slides, do so asap

Let's get back to the course

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2. Everyone should do an **awesome project** that will be accepted to a top-tier conference
3. After taking this class you'll get a job at the Raptors, FC Toronto, Blue Jays, Argonauts teams

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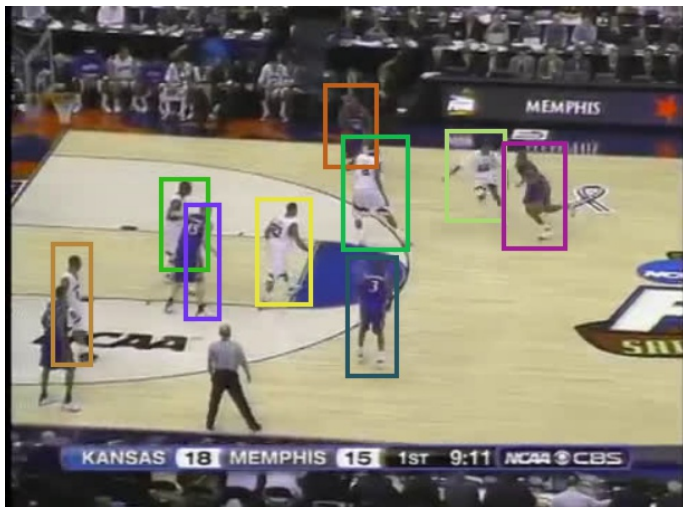
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- Learn by doing (i.e., example)

- I'll post on piazza a link to vote for topics to present
 - ▶ Don't forget to vote or you will be randomly assigned

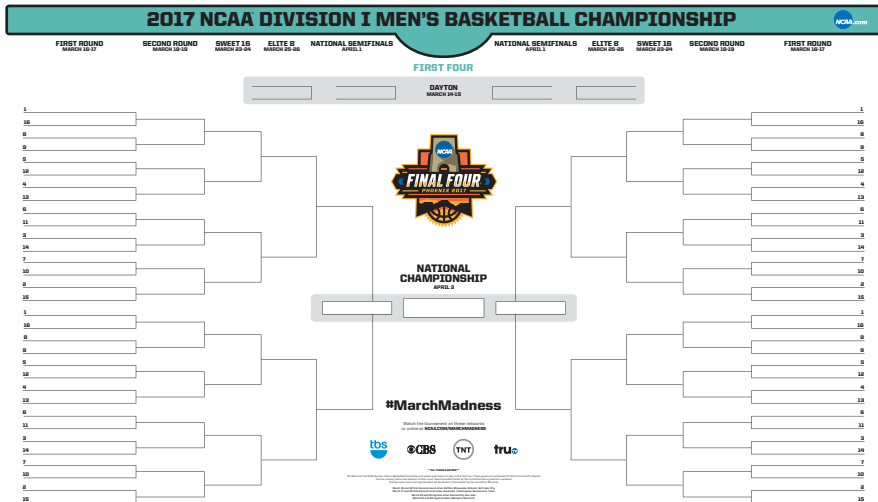
Challenge 1

- Object Detection and Tracking in Videos (w/w/o action recognition)



Challenge 2

- Predicting "bracketology" 2017 (March 12)
<http://www.ncaa.com/news/basketball-men/2016-06-27/march-madness-selection-sunday-2017-dates-schedule>



Challenge 3

- NBA Play Discovery from 3D data

