Day One:
9:00am: 1 - Introduction to computer vision (Torralba)
10:00am: 2- Cameras and image formation (Torralba)
11:00am: Coffee break
11:15am: 3- Introduction to machine learning (Isola)
12:15pm: Lunch (provided)
1:30pm: 4- The problem of generalization (Isola)
2:45pm: Coffee break
3:00pm: Lab on Pytorch
5:00pm: Adjourn

Day Two:
9:00am: 5- Neural networks (Isola)
10:00am: 6- Filters and CNNs (Torralba)
11:00am: Coffee break
11:15am: 7- Stochastic gradient descent (Torralba)
12:15pm: Lunch break (on your own)
1:30pm: 8- Temporal processing and RNNs (Isola)
2:45pm: Coffee break
3:00pm: Lab on using modern computing infrastructure
5:00pm: Adjourn

Day Three:
9:00am: 9- Multiview geometry (Torralba)
10:00am: 10- 3D deep learning (Torralba)
11:00am: Coffee break
11:15am: 11- Scene understanding part 1 (Isola)
12:15pm: Lunch break (on your own)
1:30pm: 12- Scene understanding part 1 (Isola)
2:45pm: Coffee break
3:00pm: Lab on scene understanding
5:00pm: Adjourn
Day Four:
9:00am: 13- People understanding (Torralba)
10:00am: 14- Vision and language (Torralba)
11:00am: Coffee break
11:15am 15- Image synthesis and generative models (Isola)
12:15pm: Lunch break (on your own)
1:30pm: 16- AR/VR and graphics applications (Isola)
2:45pm: Coffee break
3:00pm: Lab on generative adversarial networks
5:00pm: Adjourn

Day Five:
9:00am: 17- Vision for embodied agents (Isola)
10:00am: 18- Modern computer vision in industry: self-driving, medical imaging, and social networks (Torralba)
11:00am: Coffee break
11:15am: 19- Datasets, bias, and adaptation, robustness and security (Torralba)
12:15pm: Lunch break (on your own)
1:30pm: 20- Deepfakes and their antidotes (Isola)
2:45pm: Coffee break
3:00pm: Lab on your own work (bring your project and we will help you to get started)
4:55pm: closing remarks
5:00pm: Adjourn