

***** **Paper Presentation Instructions** *****

For the paper presentation, you will be given 10min to present your slides and 2min for questions from the audience. Here are the suggested flows:

For technical papers:

1. Discuss the motivation & challenges (2min)
 2. Identify the contributions compared to prior work (1min)
 3. Cover the technical approaches (4min)
 4. Discuss the results (2min)
 5. Conclusions, future work and your remarks (if available) (1min)
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For survey papers:

1. Discuss the motivation for the survey (1min)
2. Identify the classes of approaches and their important characterizations, respectively for each class, for the topic covered by the survey (2min)
3. Provide a brief discussion of one representative approach for each class (6min)
4. Conclusions and your remarks (if available) (1min)

Please read the following before making changes to the document:
INSTRUCTIONS:

- a. Please type your name immediately below the paper you want to present
 - b. Please choose your time token from the following **TIME SLOTS** section **AND** move the token from the list to be under your name; **you can only use one token**
 - c. Please choose another paper if a paper is already chosen; you are welcome to choose your own paper (the paper must be related to the current topic, see below) but **you must ask for my permission**
 - d. **DO NOT change other people's inputs; DO NOT change your own inputs after making your choice; you must choose a paper before using a token**
 - e. Once all the tokens are exhausted, you cannot choose papers anymore which means you will be assigned a paper in the next round (with next topic)
 - f. Each talk will be 10 min long (2 extra minutes for questions)
 - g. The presentations will start on Sept 6th (Tuesday)
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TIME SLOTS:

{,,,,, ,,,}  **USE & FIND REMAINING TOKENS HERE**
(the first number is the day; the second number is your order on that day)

Papers on PERCEPTION OF HUMANS (Topic 1):

1. Articulated Pose Estimation with Flexible Mixtures of Parts,

Yi Yang, D. Ramanan,

CVPR 2011

Karthik Subramanian

2 - 5

2. Real-time Human Pose Recognition in Parts from a Single Depth Image,

Jamie Shotton, Toby Sharp, Alex Kipman, Andrew Fitzgibbon, Mark Finocchio, Andrew Blake, Mat Cook, Richard Moore,

Communications of the ACM 2013

Avinash Reddy Kaitha

2 - 2

3. Face Description with Local Binary Patterns: Application to Face Recognition,

T. Ahonen, A. Hadid and M. Pietikainen,

IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI) 2006

Shalin Seban Varghese

2 - 3

4. The FERET evaluation methodology for face-recognition algorithms,

P. Jonathon Phillips, Hyeonjoon Moon, Syed A. Rizvi, and Patrick J. Rauss, IEEE Trans. Pattern Anal. Mach. Intell., 2000

Sashank Ramesh

1 - 5

5. Robust face recognition via sparse representation,

J. Wright, A. Y. Yang, A. Ganesh, S. S. Sastry and Y. Ma,

IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009

6. Face recognition: A literature survey,

W. Zhao, R. Chellappa, P. J. Phillips, and A. Rosenfeld. 2003,

ACM Comput. Surv., 2003

Jayaprakash Jayakumar

2 - 6

7. Activity recognition from accelerometer data,
Nishkam Ravi, Nikhil Dandekar, Preetham Mysore, and Michael L. Littman.,
Proceedings of the 17th conference on Innovative applications of artificial intelligence, 2005
Rajiv Prathapan 2-4

2 - 4

8. Human activity recognition and pattern discovery,
E. Kim, S. Helal and D. Cook,
IEEE Pervasive Computing, 2010
Sailik Sengupta

1 - 2

9. A Survey on Human Activity Recognition using Wearable Sensors
Oscar D. Lara and Miguel A. Labrador
IEEE COMMUNICATIONS SURVEYS & TUTORIALS

Ashish Kumar

1-4

1 - 4

10. Machine recognition of human activities: A survey
P. Turaga, R. Chellappa, V. S. Subrahmanian and O. Udrea,
IEEE Transactions on Circuits and Systems for Video Technology, 2008
Neha Prasad

1 - 1

11. Event modeling and recognition using markov logic networks
Son D. Tran and Larry S. Davis. 2008.
Proceedings of the 10th European Conference on Computer Vision: Part II (ECCV '08),
Sarath Sreedharan

1 - 3

12. Joint Inference of Groups, Events and Human Roles in Aerial Videos,
Tianmin Shu and Dan Xie and Brandon Rothrock and Sinisa Todorovic and Song-Chun Zhu,
CVPR 2015

Akshay Iyengar

2 - 1

ADD YOUR PAPER HERE AFTER GETTING MY PERMISSION:

InSight: Recognizing Humans without Face Recognition
He Wang, Xuan Bao, Romit Roy Choudhury, Srihari Nelakuditi

Mayukh Chaudhuri
1-6