Paper Selection

Please select a paper related to your tentative research project for this course in the broad area of smart home heath analytics, wearable sensing for good health, applied machine learning and data science methodologies. You should email me an electronic copy of the paper for your class presentation by March 27th 2017. Please also include the title of the paper, authors list and the venue where it has been published. Mention your preferred date for your presentation (see below for possible presentation dates). The paper should be from a recent (no more than 5 years old) conference, workshop or journal and related to smart and connected health, machine learning, data science etc. Your paper selection must be approved by the instructor. The following conference and workshops are recommended.

- IEEE CHASE, ICDM, ICDE, PerCom, ICML, Wireless Health, EMBC
- ACM KDD, SenSys, IPSN, Ubicomp, MobiSys, CHI
- AAAI, Pervasive Health, ICOST, IE, WristSense

Presentations

The goal of this paper presentation is to get you started early on a research topic or a research direction which I expect you to continue as the course research project. Each student will make a class presentation on one technical paper in the broad area of smart home health analytics research. The paper should be approved by the instructor. The presentation must demonstrate an in-depth understanding of the topic, including background material from the paper's references, and provide a critical review.

Presentation Grading

Please prepare your presentation (power point slides) for 15-17 minutes and there will be question-answers for 3-5 minutes. Your presentation will be graded on the following aspects:

1. Your Knowledge of the topic
2. Critical evaluation of the topic
3. Presentation style, quality and delivery
4. Your response to the questions and answers from the audience

Tentative Presentation Schedule

We will schedule 8-9 presentations on each day.

- 10th April (8-9 slots)
- 17th April (8-9 slots)
- 24th April (8-9 slots)
