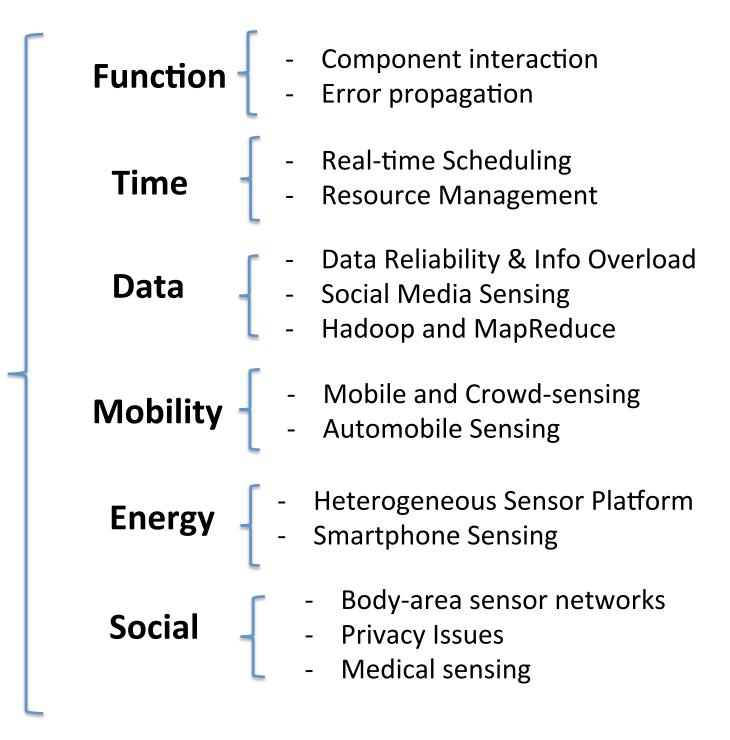
Social Sensing and CPS

Spring 2015 CSE 40437/60437

Prof. Dong Wang

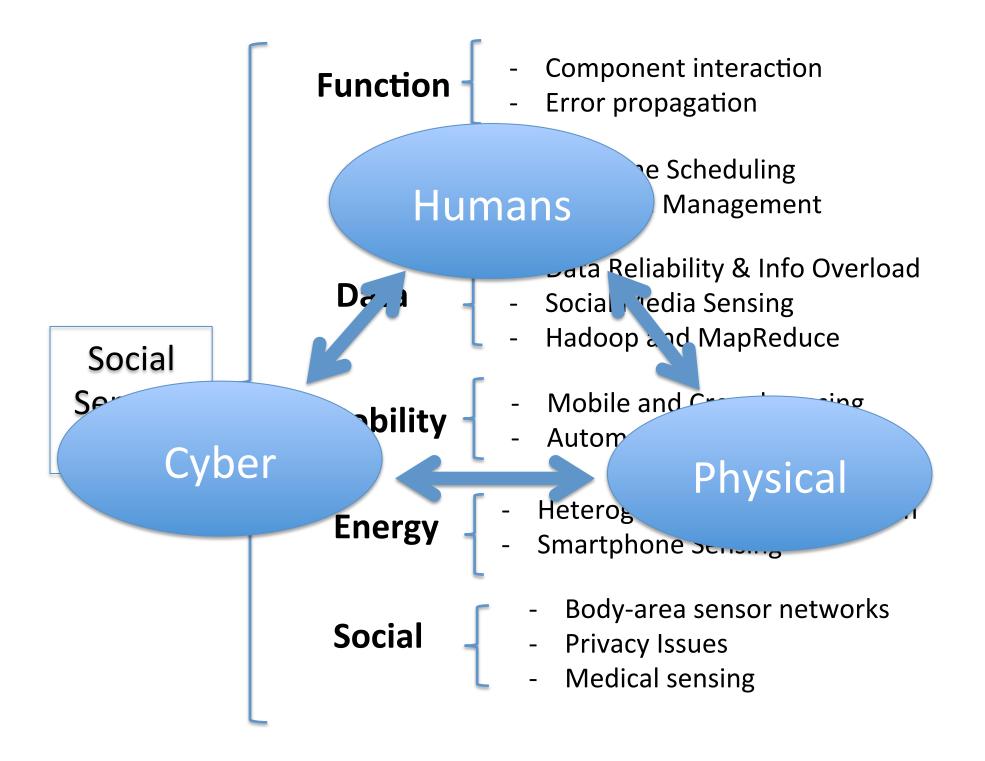
Summary



Social

Sensing

and CPS



Function -

- Component interactionError propagation

Reliability is a critical challenge in CPS!

Data

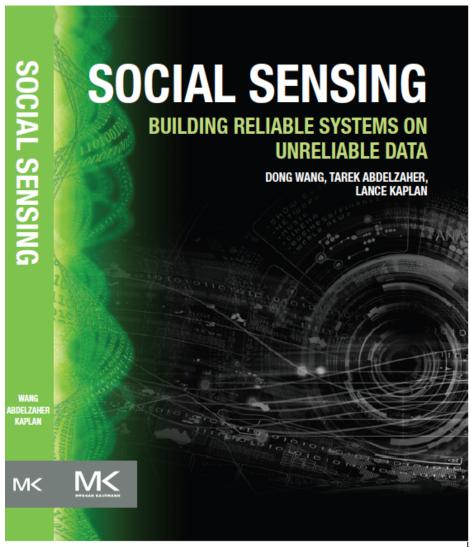
Data Reliability & Info Overload

Increasing amount of data are generated by unreliable sources.

How to build reliable systems using unreliable data?

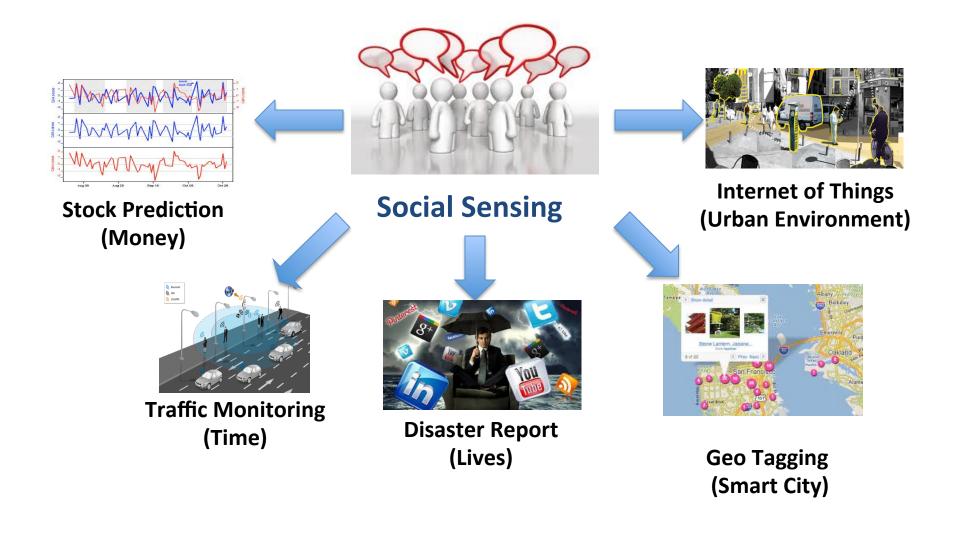
- rrivacy issues
 - Medical sensing

1ST Book on Social Sensing



New Book - Social Sensing: Building Reliable Systems on Unreliable Data: Dong Wang, Tarek Abdelzaher, Lance Kaplan, Elsevier, 2015

Social Sensing and CPS Makes a Smarter Planet



Social Sensing and CPS Makes a Smarter Planet



Social Sensing





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