

Challenges for the Next Two Years

SIRWEC 2016

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Fort Collins, Colorado

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AASHTO – SICOP Coordinator

Five main themes

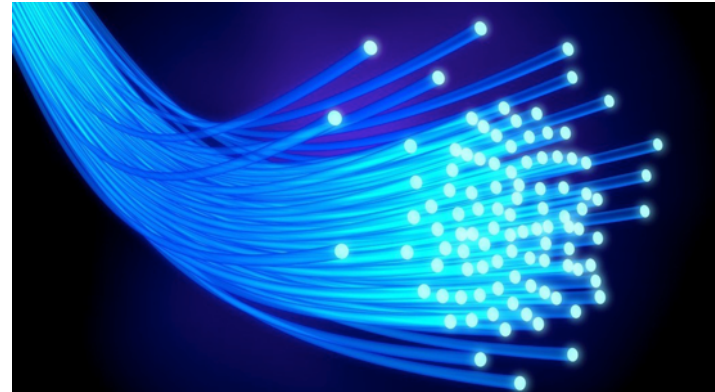
- Road Weather Management Systems
- Novel Technologies in Road Weather
- Decision Support Systems and Road Weather
- Integrating Road Weather Information and Operations
- Moving RWIS Forward

Where have we been?



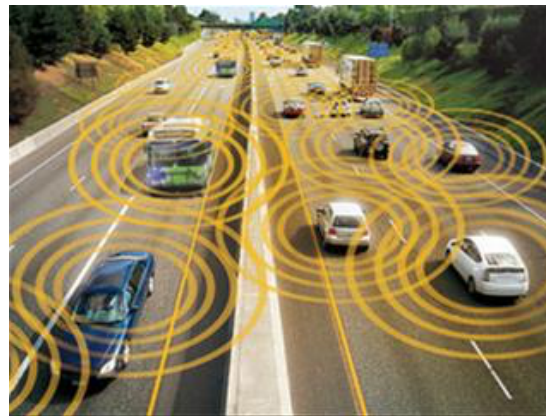
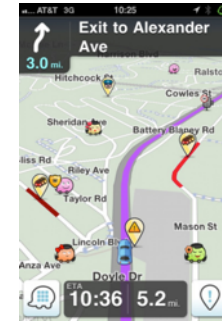
Where are we now?

Communications are foundational



Dense networks of Inexpensive Communication is a
Game Changer

Communications With Users



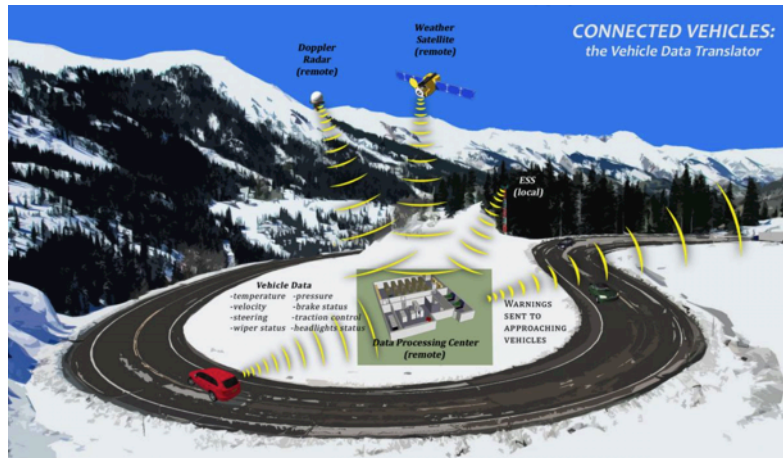
Human interface isn't necessary when communicating with the user

Sensor Technologies



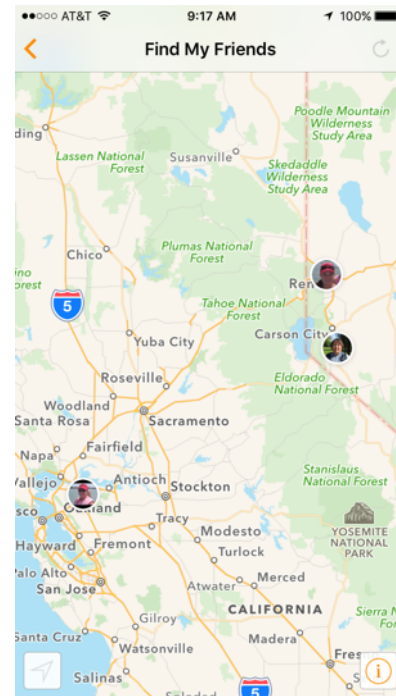
Sensors for specific needs don't need to be expensive

Rules of the game are changing



Connected and autonomous vehicles have new and different requirements

Rules of the game are changing



Views of personal privacy are changing

Applications to improve mobility and Safety

Decision Support

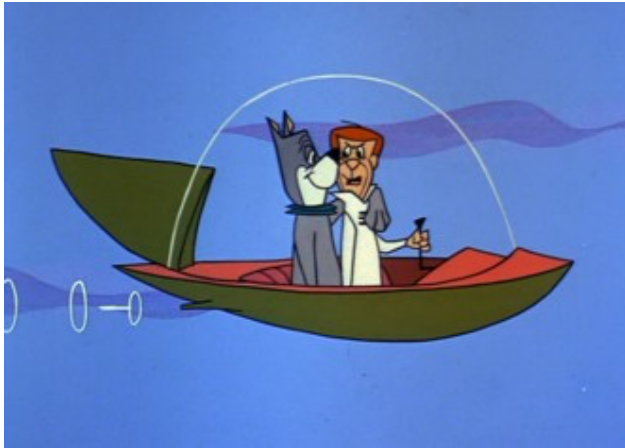


Warning Systems



Dynamic Driving Rules

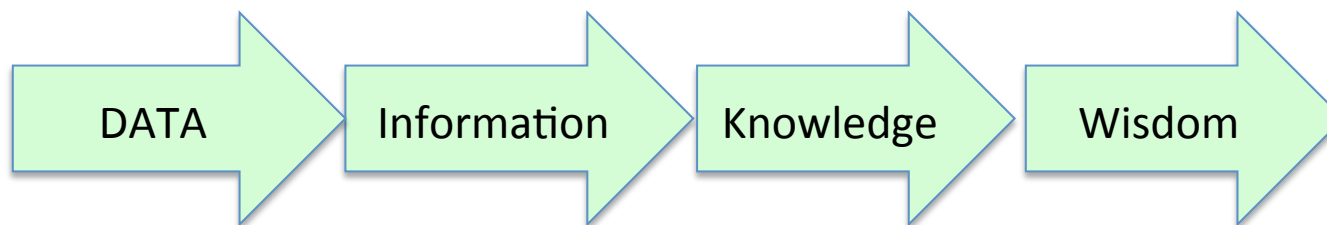
Where are we going?



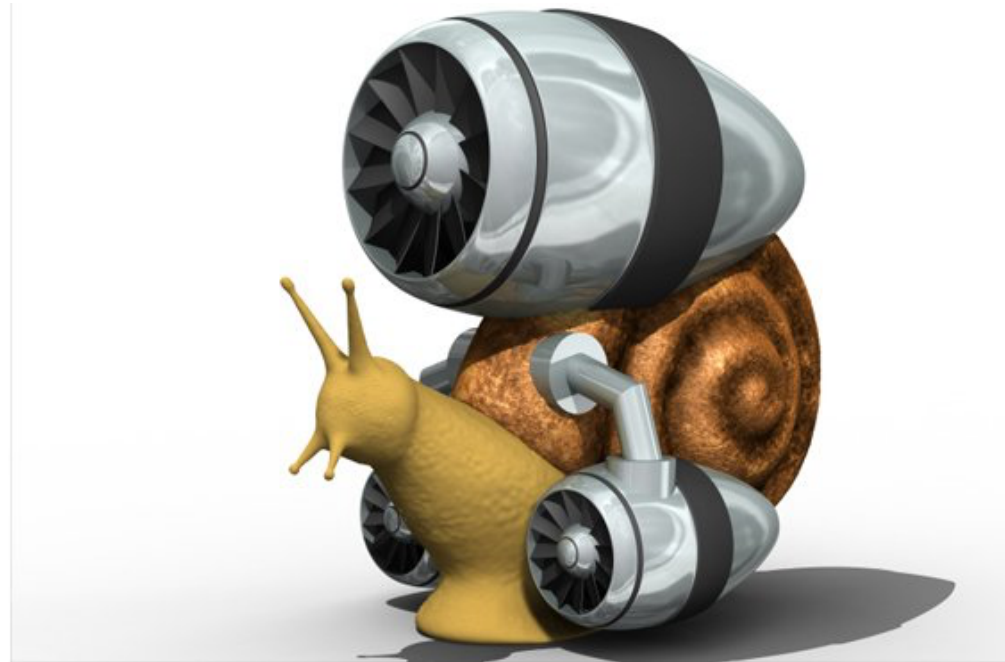
Where are we going?



Have all the pieces come together?

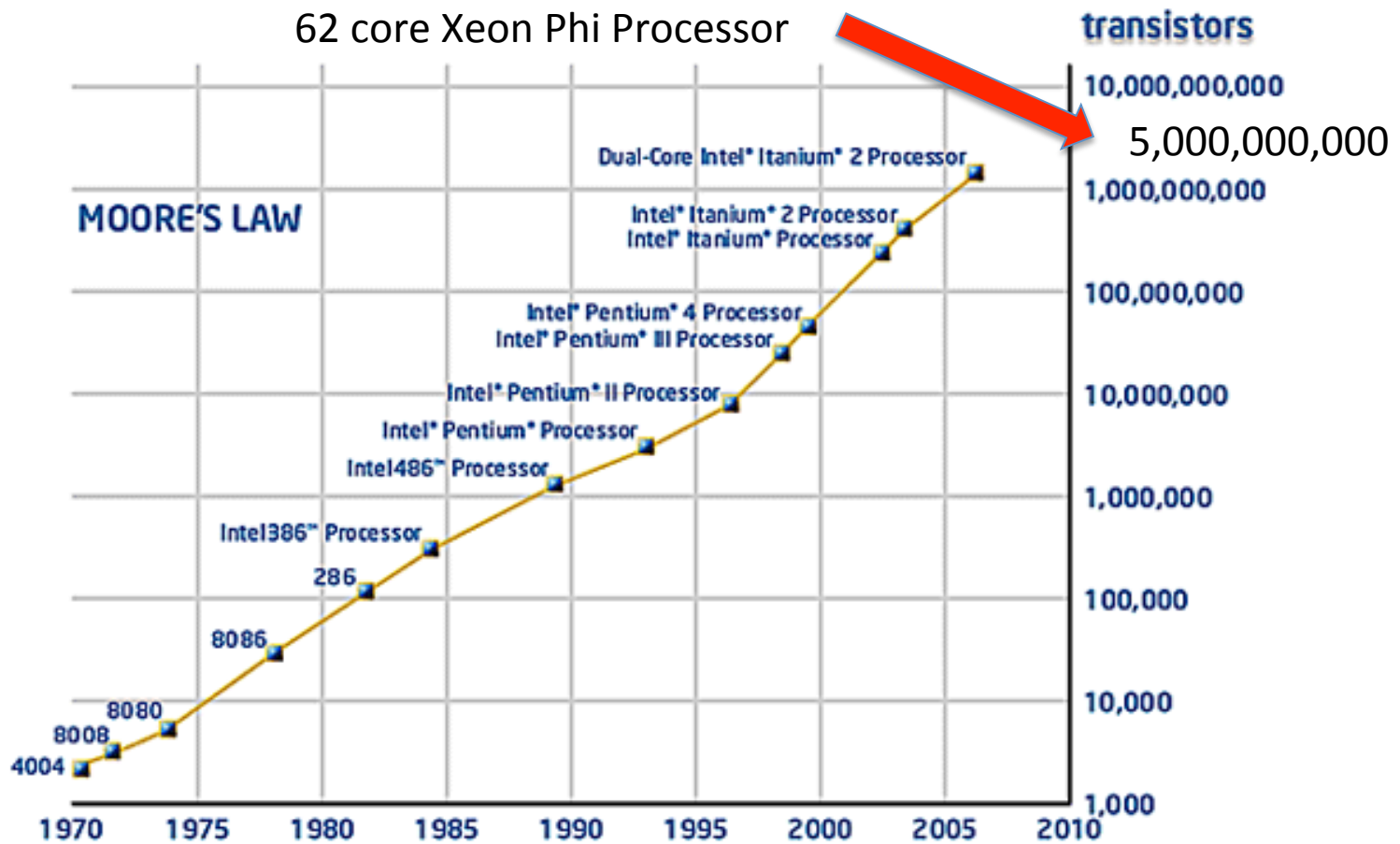


Just when you figure out the rules,

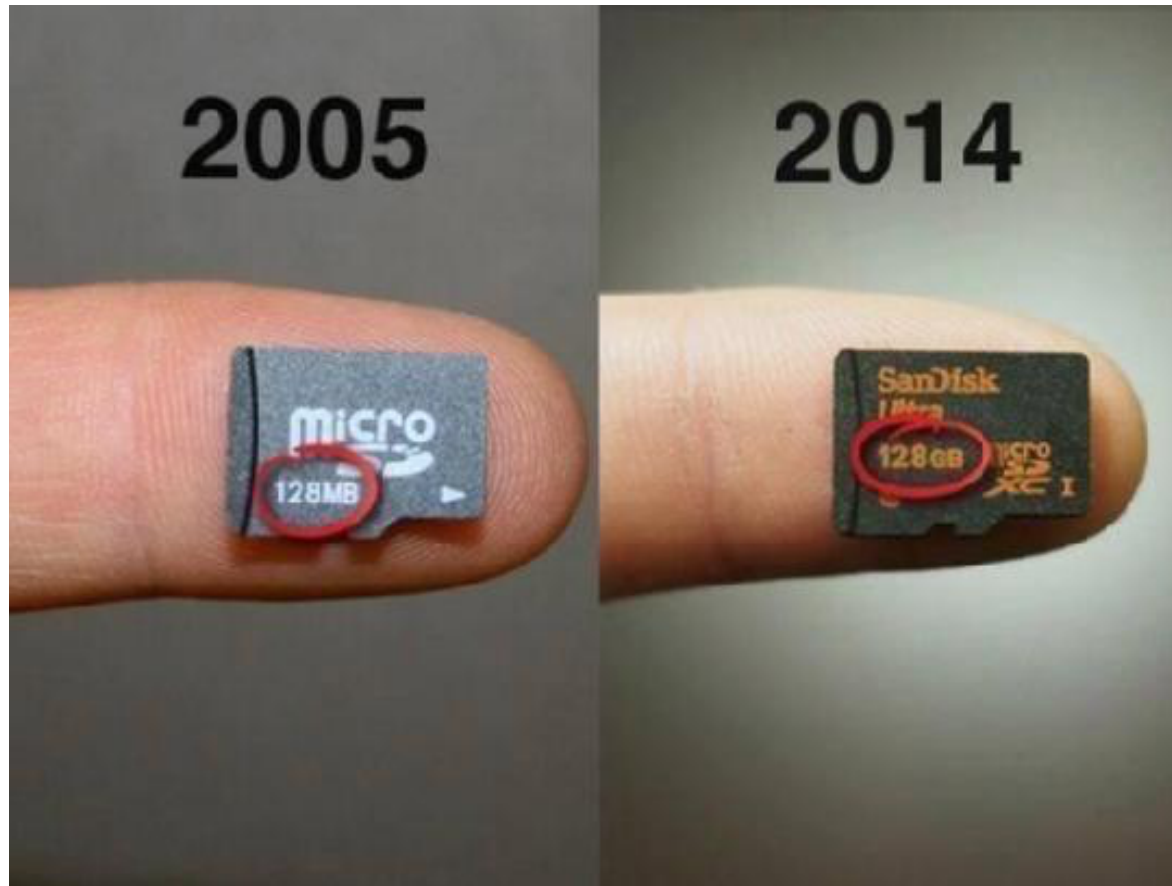


They change the game

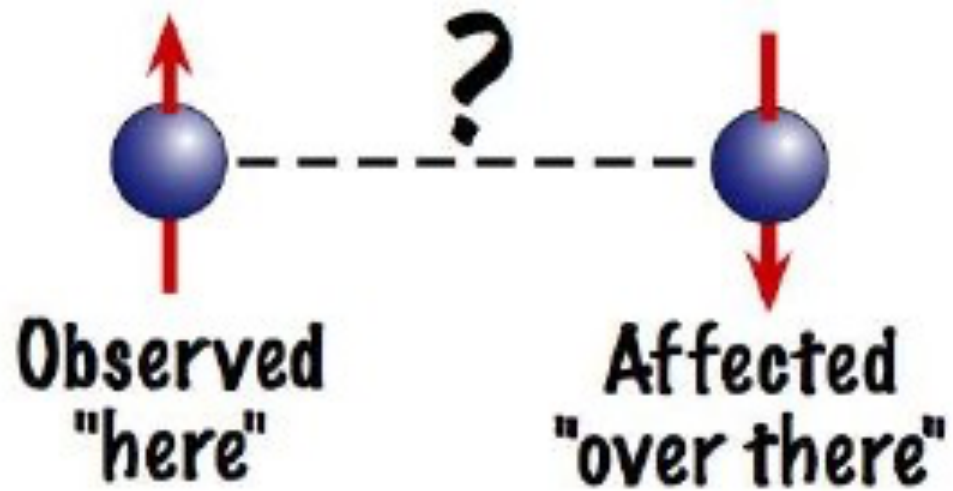
Pace of technology



Pace of technology



Something over the horizon?



When you Come to a fork in the road,



Take it! *Yogi Berra*

