

New Technology and Old Dogs

grrrr.....

“The Internet? Is that thing still around?”

-Homer Simpson, May 16th 1999

<i>Disruptive Technologies</i>	
Accurate	Clocks, Newton
Faster	Computers, cars
Easier	Email, iPhone
Cheaper	Printing, eInk

The importance of being *Reliable*

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Getting to Reliable

- Understanding the principles
 - Basic physics of interactions
 - Basic physics of the intramolecular
- Understanding the variability
 - Statistics, Confidence Limits, Robust estimation, Extreme value theory, Information content

Obstacles to Reliable

- Understanding the principles
 - Lack of investment in experimentation
 - Academia interested in making money
- Understanding the variability
 - Journals that print crap
 - Lack of hard, boring, statistically relevant studies

Until then, you just gotta Howl!

