

Sensor Technology



16th Annual Meeting and Training Symposium
International Consumer Product Health and Safety Organization

May 10, 2006



Welcome

- Moderator*
 - Hugh McLaurin
- Panelists*
 - Randy Butturini
 - Ron Jordan
 - Arthur Lee
- This is an interactive forum
 - Q&A following each presentation
 - Open discussion before adjournment

* Please note that the views presented today are those of staff from the CPSC Directorate for Engineering Sciences and have not been reviewed or approved by, and may not necessarily reflect the views of, the Commission



Sensors in Consumer Products

Objective: Reduce deaths and injuries to consumers by detecting potential hazards

- Events
 - e.g., Fire
- Harmful substances
 - e.g., Carbon monoxide or other toxins
- Proximity to hazard
 - e.g., Children around swimming pool
- Improper installation or operation of a product



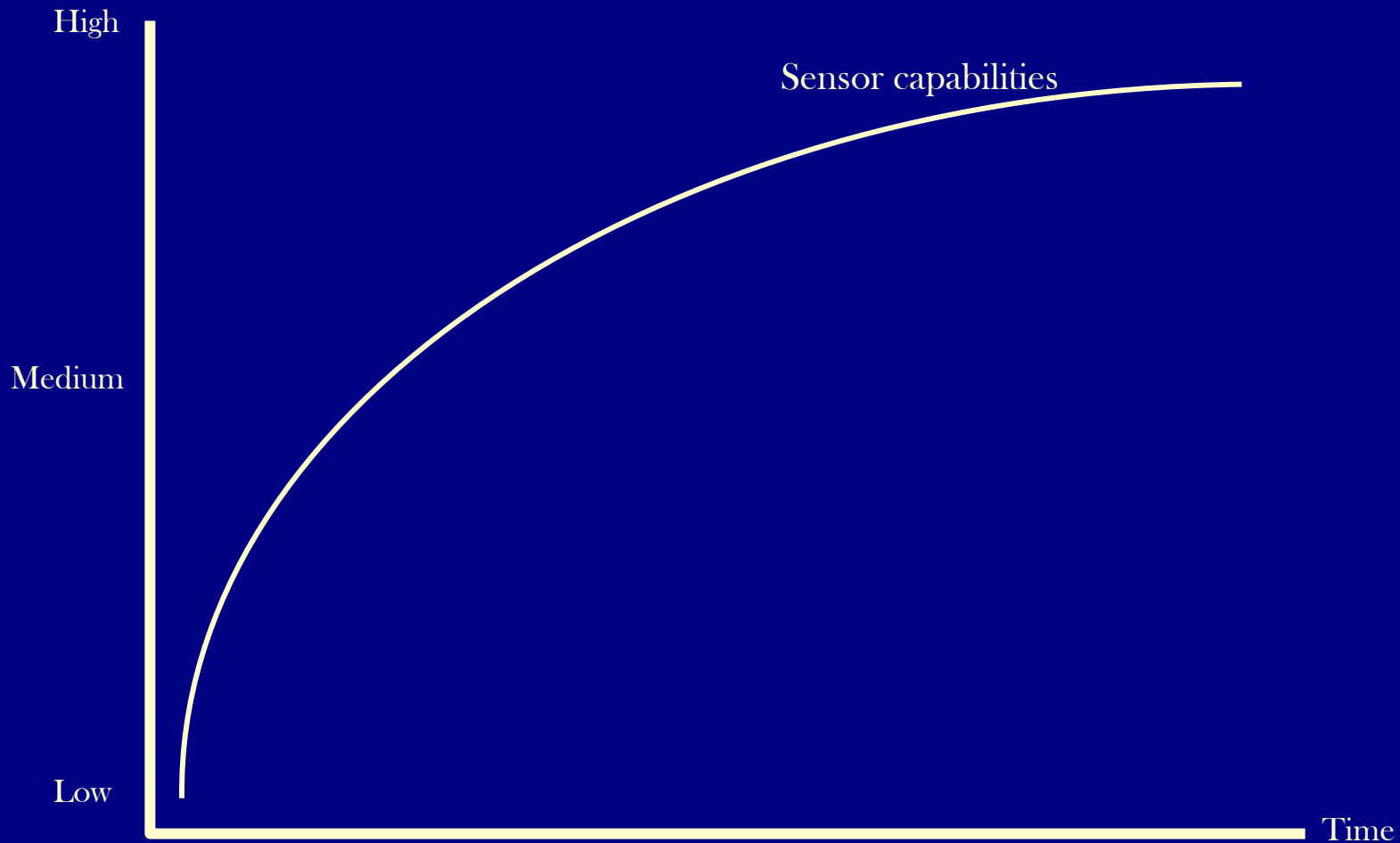
Sensors in Consumer Products

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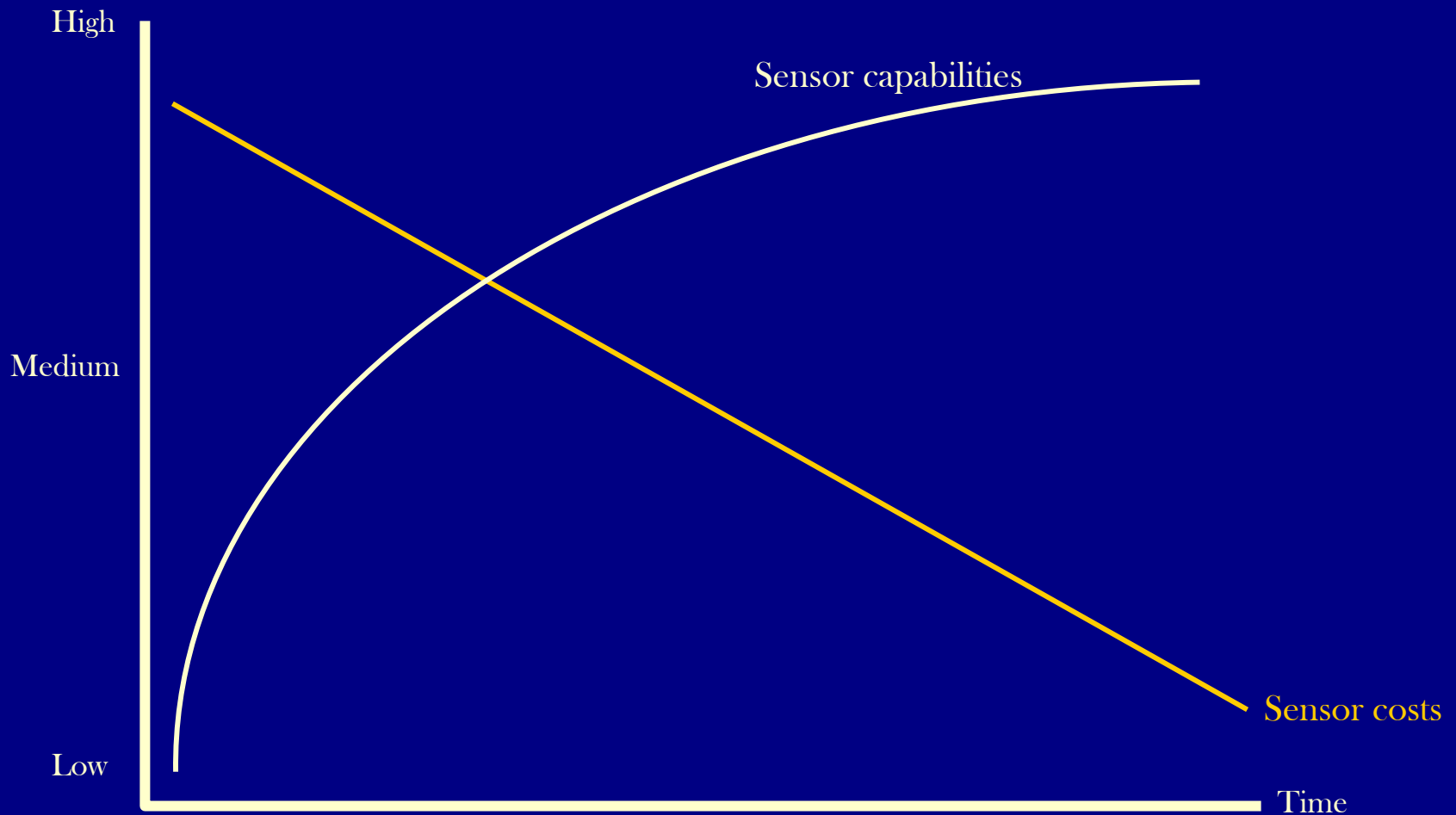
- *Warn* the consumer
 - e.g., Smoke and CO alarms
- *Prevent* harm by *taking action*
 - e.g., Shut off the source of the hazard



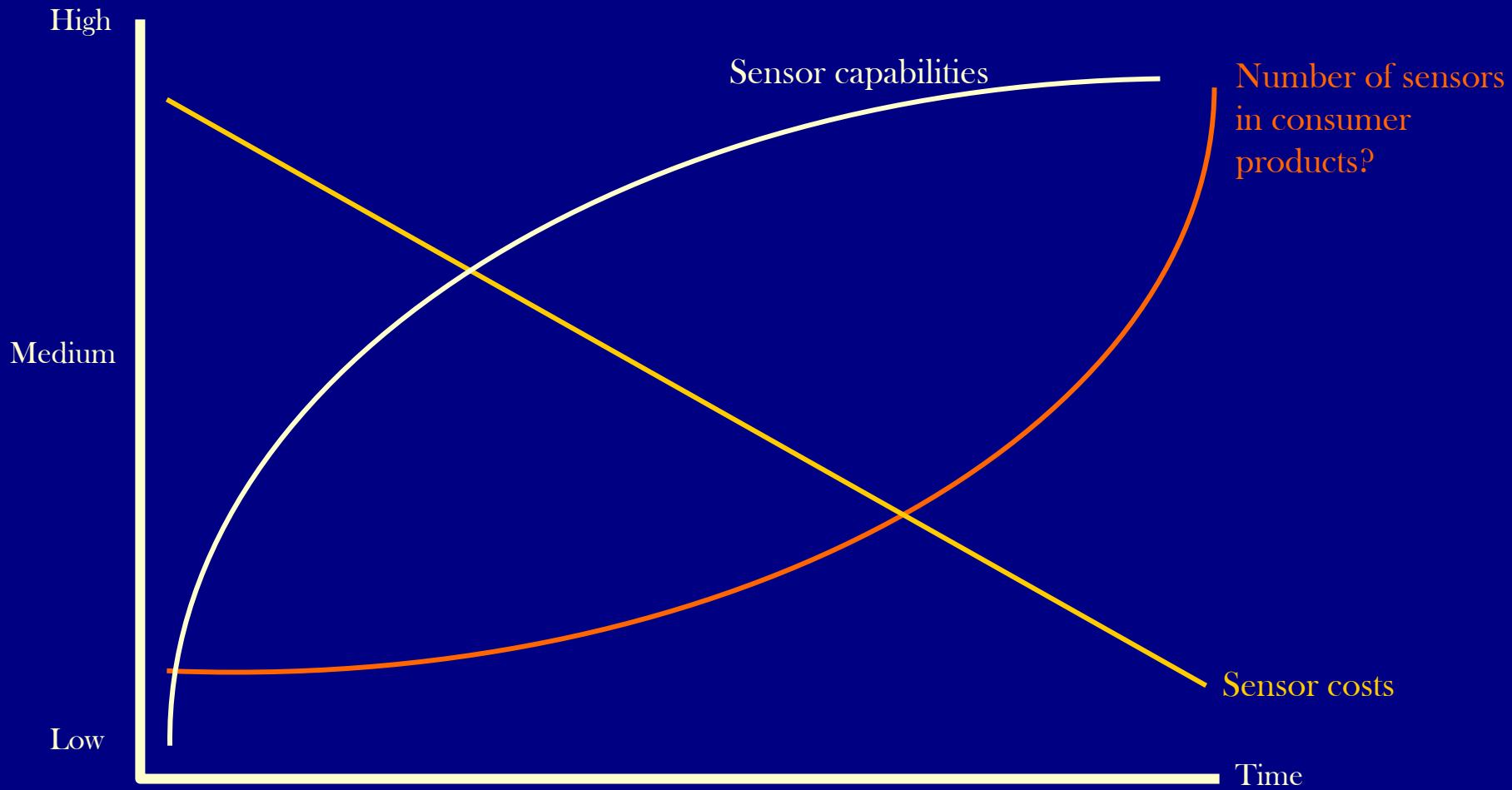
Sensor Trends



Sensor Trends



Sensor Trends



Today's Program

- Differentiation of Children from Adults in Safety Systems
 - Randy Butturini
- Preventing Carbon Monoxide at a Source
 - Ron Jordan
- Smoke Alarms
 - Arthur Lee
- Discussion
 - Panel and Participants

