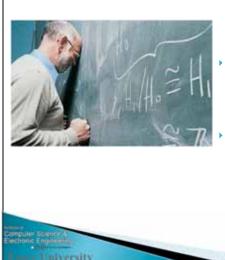
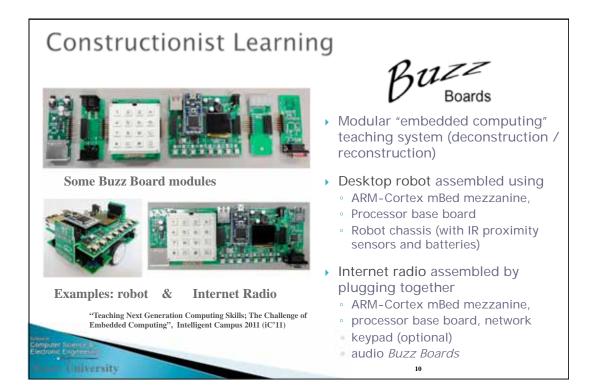
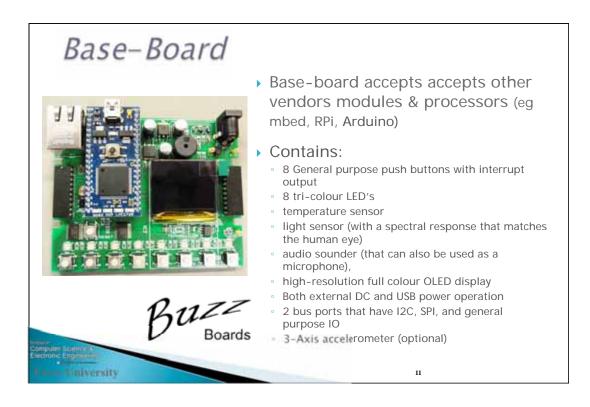


A Lecturer's Viewpoint



- Doing things from the bottom up is time consuming and, within the limits of typical lab sessions, limits the complexity of the systems that students can build.
- System level solutions for embeddedcomputing education tend to either be single appliance oriented (eg a robot), or too simple to give realistic product development experience.
- The software tools are sometimes overly complex, taking a lot of learning and distorting the focus of the underlying computing principles being taught.





Buzz-Board Hardware Modules

JUZZ

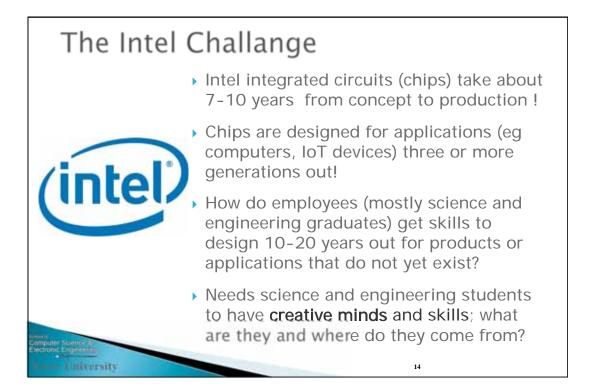
- 1. Mezzanine ARM
- 2. Mezzanine RPi
- 3. Processor Base *Buzz Board*
- 4. Audio-SD *Buzz Board*
- 5. Manual Control *Buzz Board*
- 6. Environmental Sensing *Buzz Board*
- 7. Navigation *Buzz Board*.
- 8. Inter-board Extension *Buzz Board*
- 9. Inter-board Right Angled *Buzz Board*
- 10. 3 Way Inter-board Buzz Board
- 11. Development Buzz Board
- 12. Prototyping Buzz Board
- Keypad *Buzz Board* LED Display *Buzz Board*

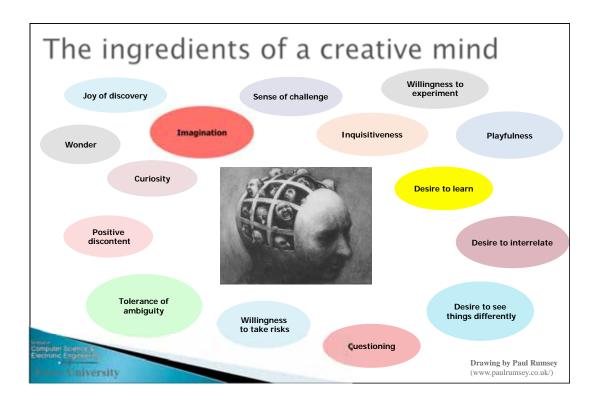
an University

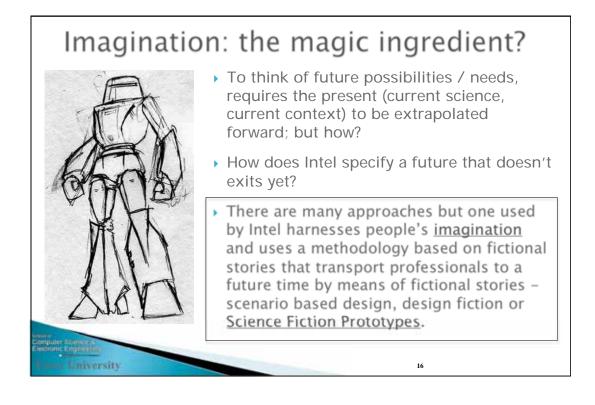
- 1. Medical Buzz Board
- 2. MIDI Buzz Board
- 3. Network/232 Buzz Board
- 4. Quantum Buzz Board
- 4. RFID Buzz Board
- 5. Robot *Buzz Board*
- 6. Robot-Lite Buzz Board
- 7. Bluetooth Buzz Board
- 8. GPRS Buzz Board
- 9. WiFi Buzz Board
- 10. Range Finder *Buzz Board*
- 11. Aux Range Finder Buzz Board
- 12. Infrared Beacon *Buzz*
- 13. Battery Buzz Board
- Boards 14. Test Point Buzz Board

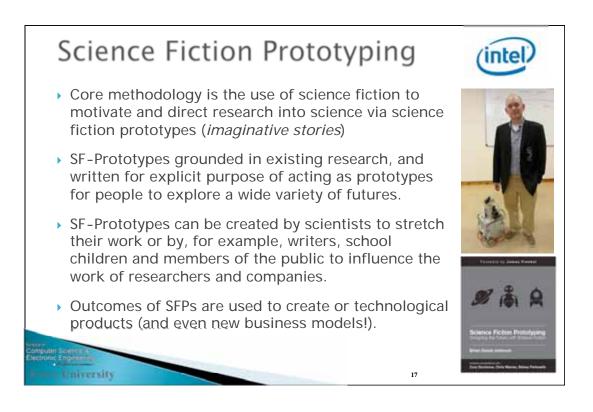
www.fortito.com

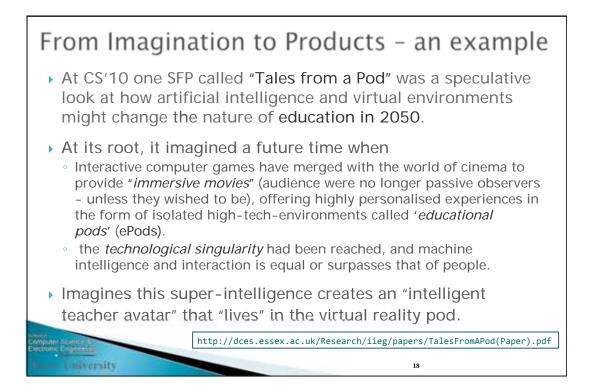












An Example-Exploring AI & The Future of Learning

From "Creative-Science 2010"

iPods were effectively small cocoons; something like a comfortable armchair enclosed within a sound-proof egg-like structure packed with sophisticated but largely invisible technology that included immersive mixed reality and sophisticated AI. When participating in a movie (the industry had long dropped the word "watching" which describing these new immersive movies) the immersive reality technology aimed to make the participant feel as though they were truly part of a fictional physical world.

Intel Creative Science Foundation – Promoting Technology Innovation through Science Fiction Prototvolna



In this increasingly competitive world, where knowledge determines success, your child deserves the very best education available and that is Addictive Technology's **ePod-4**

Pioneering research by Benjamin S. Bloom in the 1980s (and supported by all work since) proved that students who receive one-on-one tuition learn at least an order of magnitude better than grouped students. If you want to give your child the best one-to-one education in the world, give them an Addictive Technology's **ePod-4**

Education:

•Super-Intelligent Artificial Teachers •Personalised one-to-one tuition (the gold standard) •Teacher's avatar has visualisation

• Teacher's avatar has visualisation powers that don't exist in physical space

•Available 24 hours a day, 365 days a year •Learning environment (avatar, surroundings, lessons) can be tailored for

each student •Unwavering attention and happy

disposition •Compelling content combined with

contextual delivery •Teachers available in different cultures,

ages, sexes and form

• Free-Will 3 © - Quantum processor (upgradable) • My-Mind 1.2 © - Evolving Persona Engine (customizable)

Engine (customizable) •FI ame 5 © - EmotionWare •Get Real 8.2 © - Mixed Reality Cocoon •Real -Touch © iSkin & Haptics

•Ghost 4.1 © - 3D Imaging & Audio •SentiNet © - Knowledge Engine

Park, No. 880 Zi Xing Road, Minhang, Shanghai 200241, Ch

Callaghan V, (2010). Tdes From a Pod. In Creative-Science 2010 (CS'10). Kuala Lumpur, Malaysia: IOSPress, pp. 1-10.

