

Techno Bodies; Hybrid Life?

The Dana Centre - 22nd January 2008

Digital Plasters

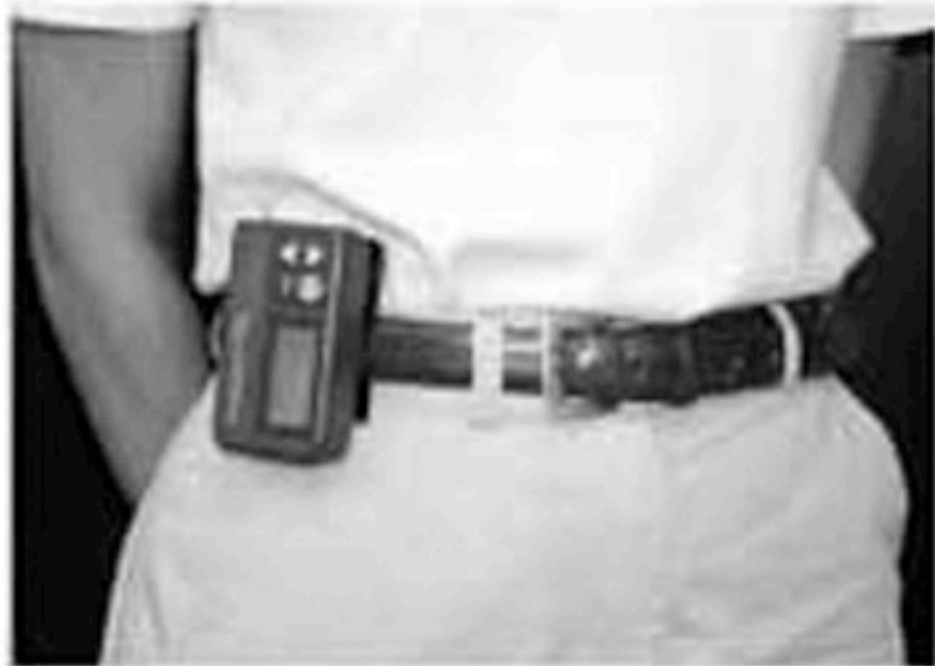
Nick Oliver, Tobie Kerridge & Amir Eftekhari
Institute for Biomedical Engineering

*Material
Beliefs*

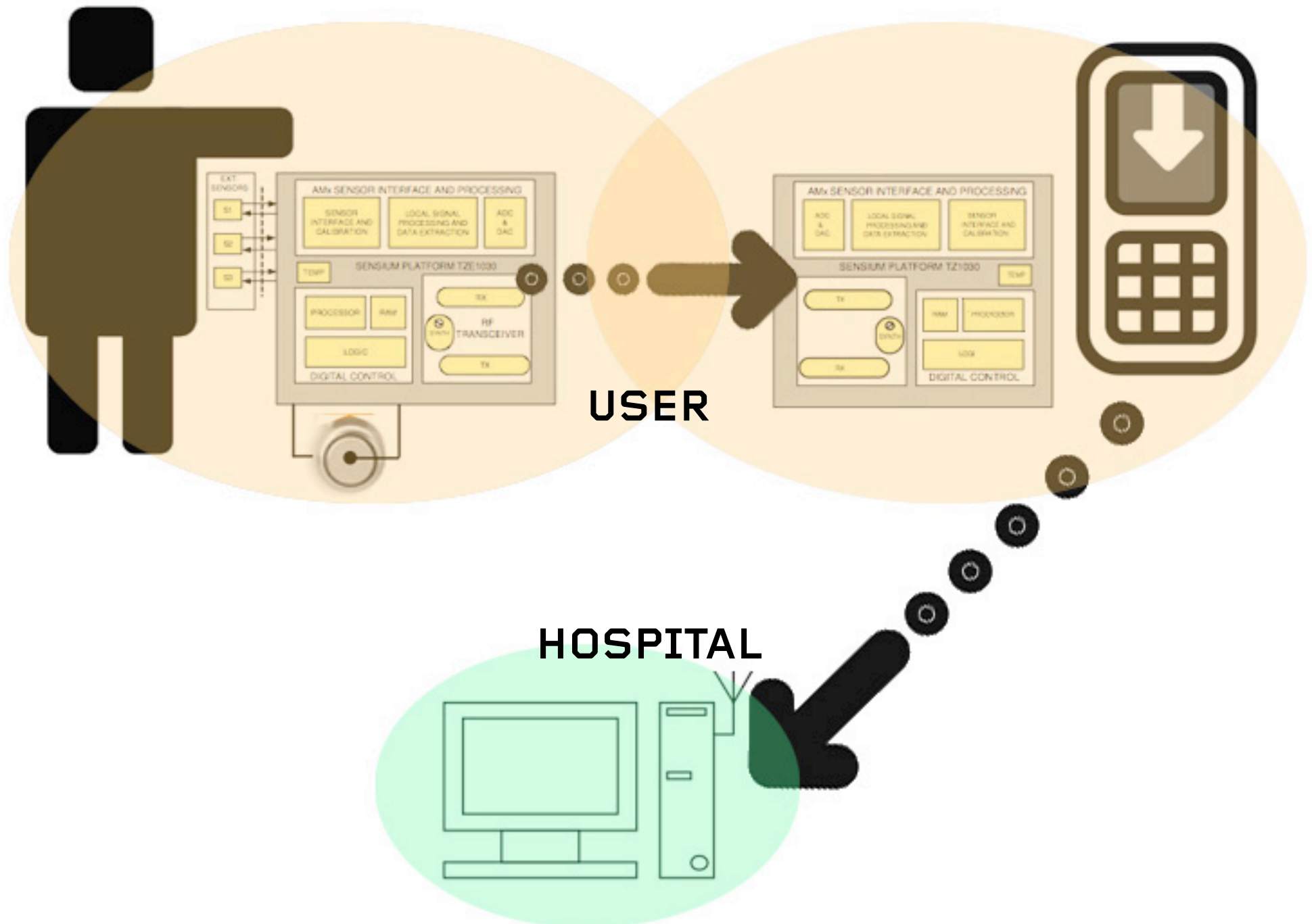
open-loop control of glucose



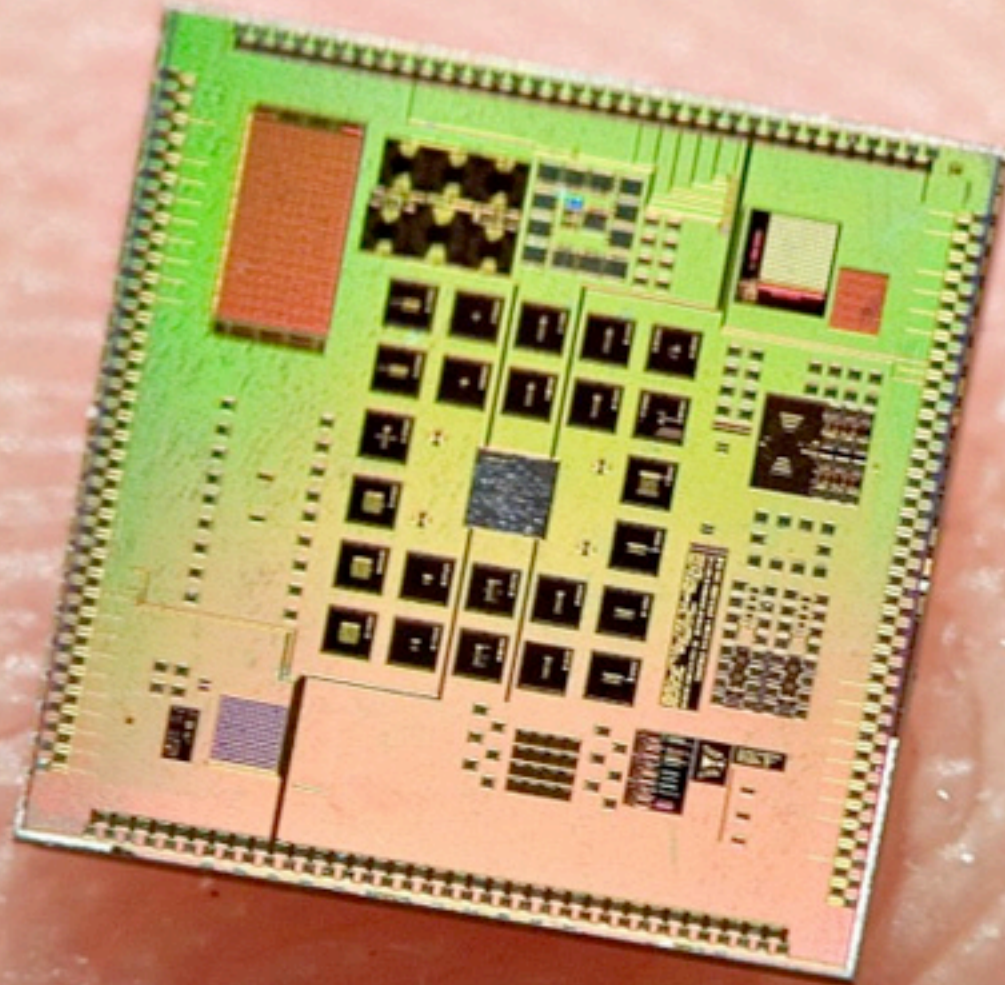
towards closed loop systems



wireless body monitoring demo



miniaturisation



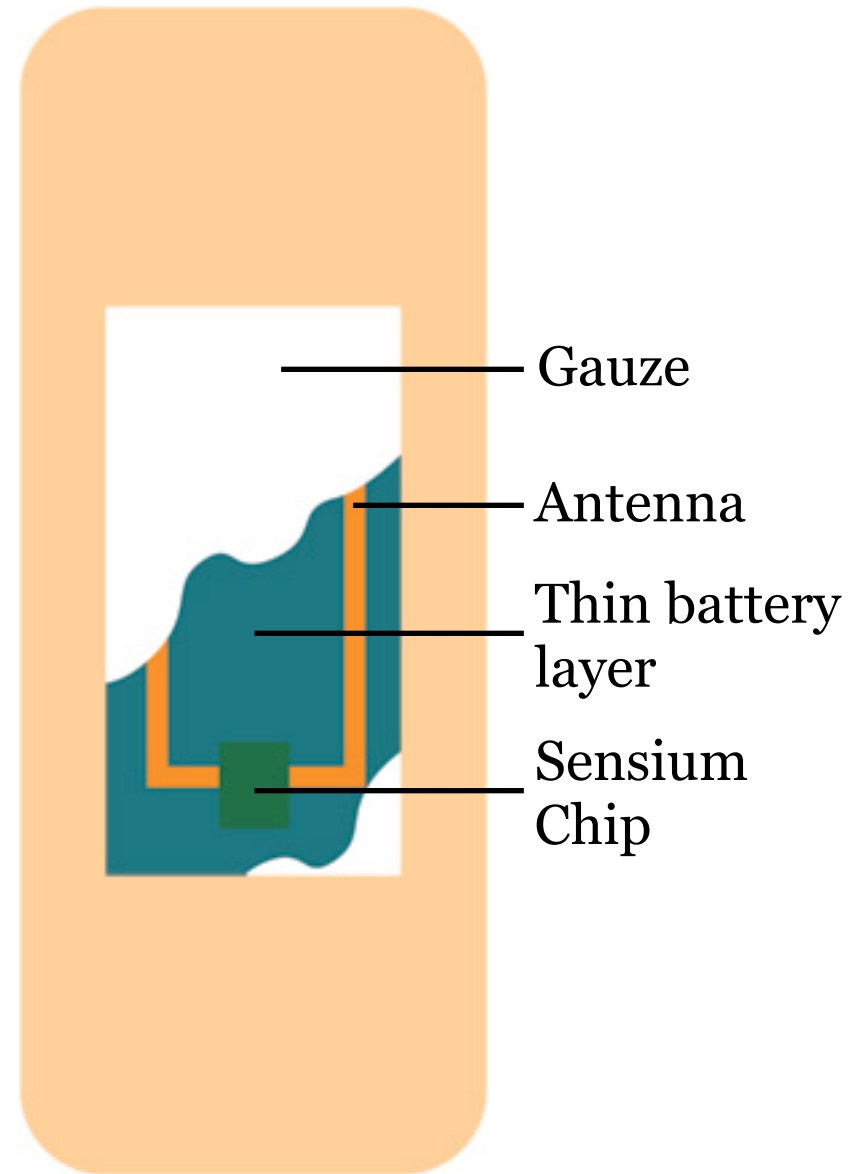
future applications

Wireless, closed loop artificial pancreas

Miniaturised sensors on single plaster:

- Glucose
- Heart rate
- Motion
- Temperature
- pH

Electronic beta cell



prototype digital plaster

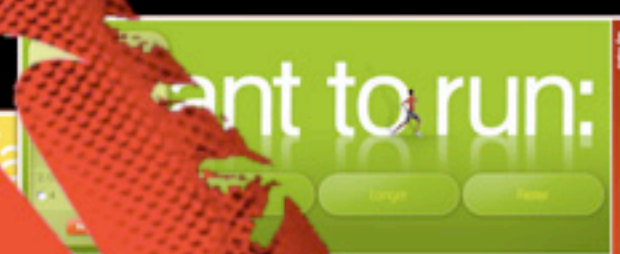




Nike + iPod

Stay in sync.

Sync up after you cool down. Just as seamlessly as it syncs your iPod, the Nike + iPod sensor and receiver keeps your workout data syncs to both iTunes and nikeplus.com, where you can view your stats and share them with friends. Simply connect iPod nano to your Mac or PC, and your workout data syncs to both iTunes and nikeplus.com, where you can view your stats and share them with friends. Simply connect iPod nano to your Mac or PC, and your workout data syncs to both iTunes and nikeplus.com, where you can view your stats and share them with friends.



Connect

Any mere pedometer can show you stats with a few numbers. But thanks to the Nike + iPod sensor and receiver, your iPod nano also transfers your workout data to the Internet as soon as you sync. Connect your iPod, and iTunes takes over, automatically syncing all your run data and sending it to nikeplus.com.¹

Analyze your performance. Stay in tune with your goals. The Nike + iPod sensor keeps stats on every step. Choose from speed, distance, and calories burned — by run, by week, or by month — all from a graphical interface as intuitive as it is stunning.

keeps you connected with runners from all over the web. And that's where the real race begins. Use nikeplus.com to challenge anyone, anywhere to a virtual race. Run on your own time, on your home turf, then log on to nikeplus.com to retrieve your results.



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