

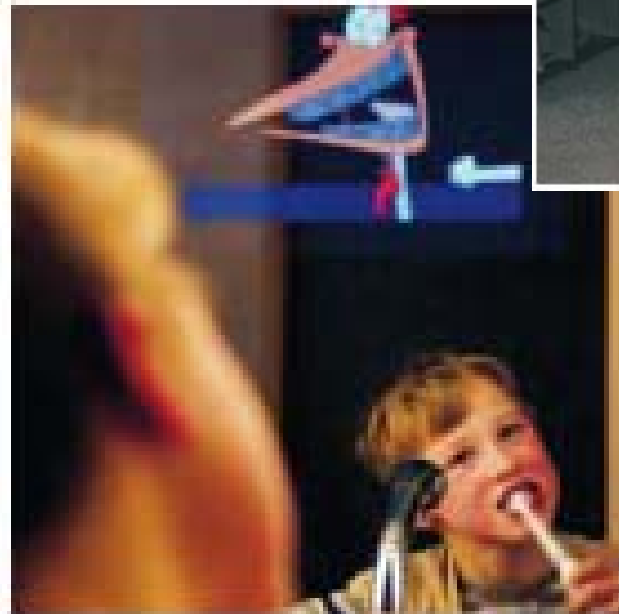
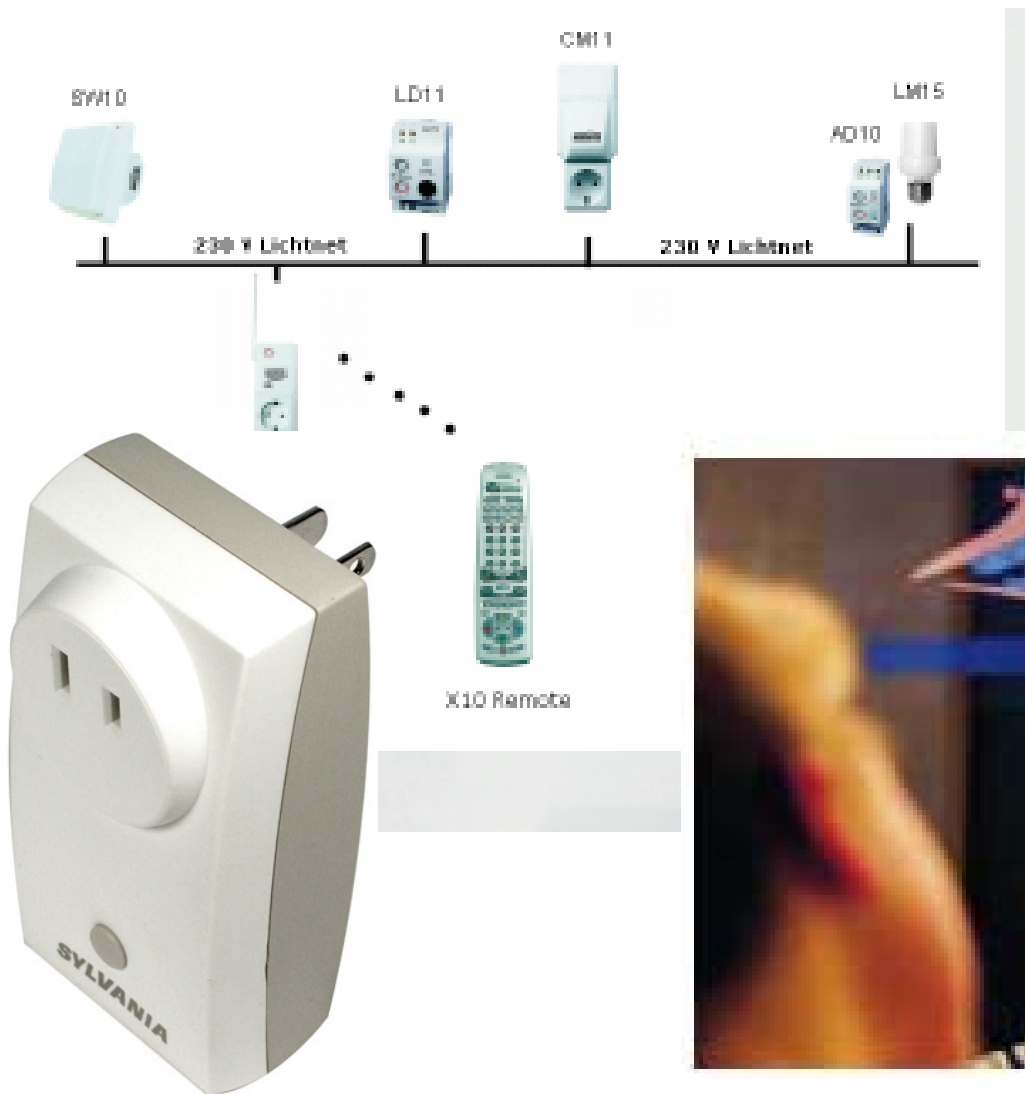
Smart System Design

Waar gaat dat over?

Projectdag 20 april
Prof Ton Mouthaan, decaan EWI



Jip en Janneke thuis



Jip en Janneke sporten



Timing of catch

Time

Athletes 1 2 3 4 5 6 7 8

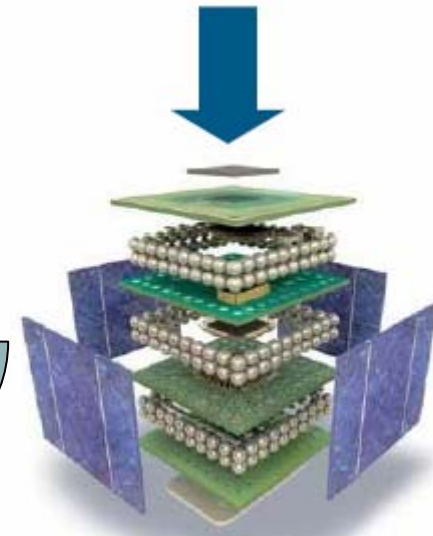
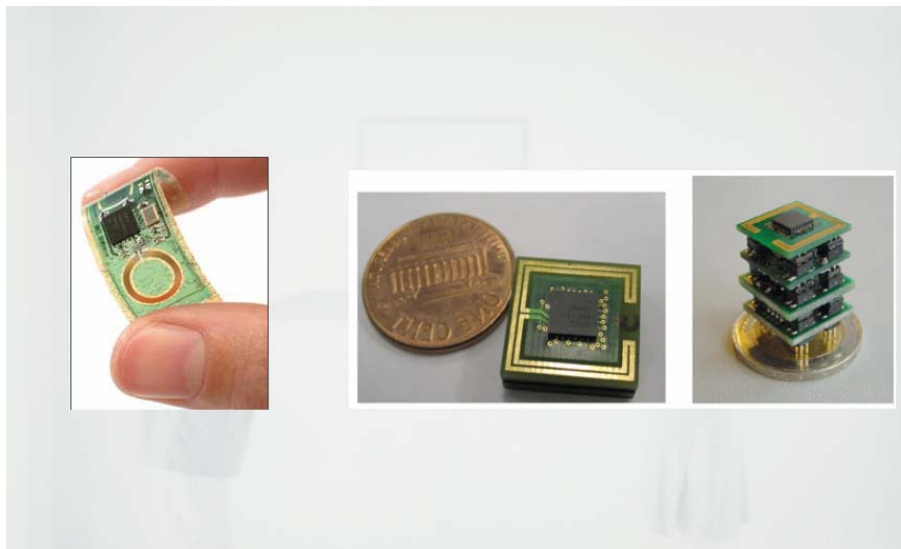
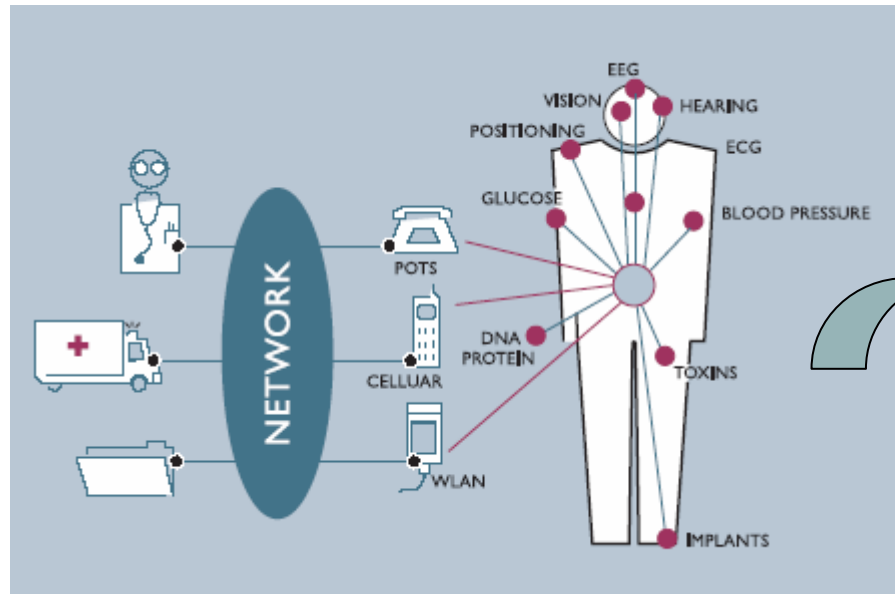
Power off.

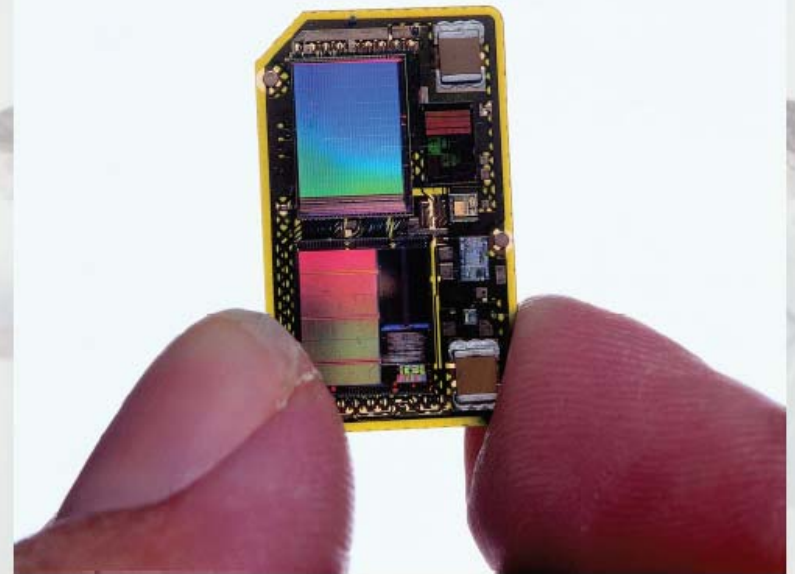
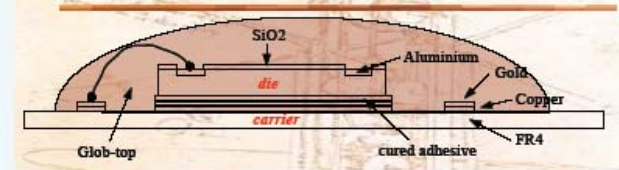
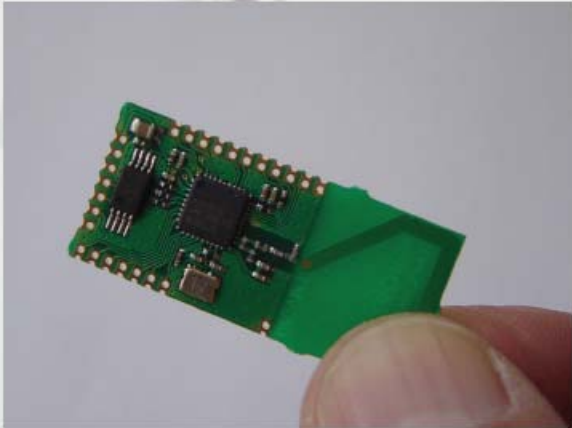
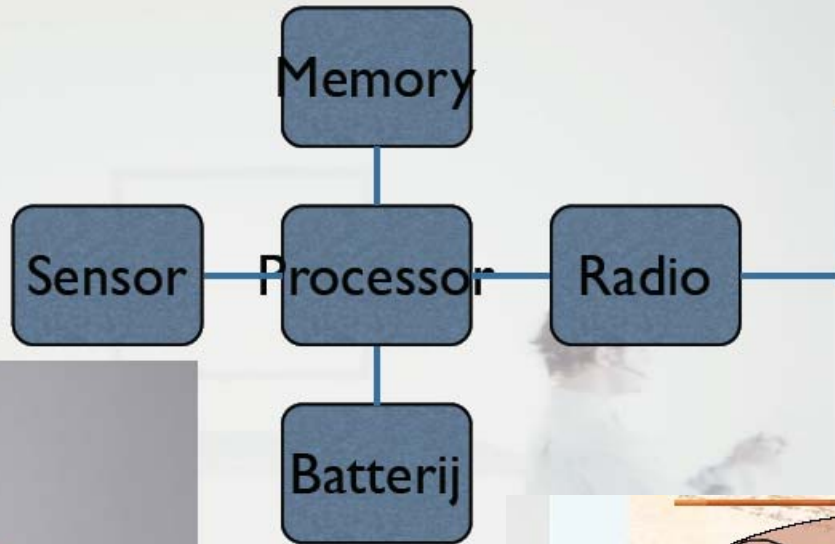
Rower 1: **Dirk Lippits**

Boat accel. (m/s ²)	Catch time (s)	Power eff. (%max)
2.4	0.76	81
Targets	0.76	83



Janneke krijgt suikerziekte







Current product offerings

brooch or necklace with an emergency button

phone with emergency button

band with position, movement sensors and emergency button

band that measures vital data

wrist watch for children with GPS function

mobile phone that measure heart rate

affective body monitoring

medical device for outpatients

simple

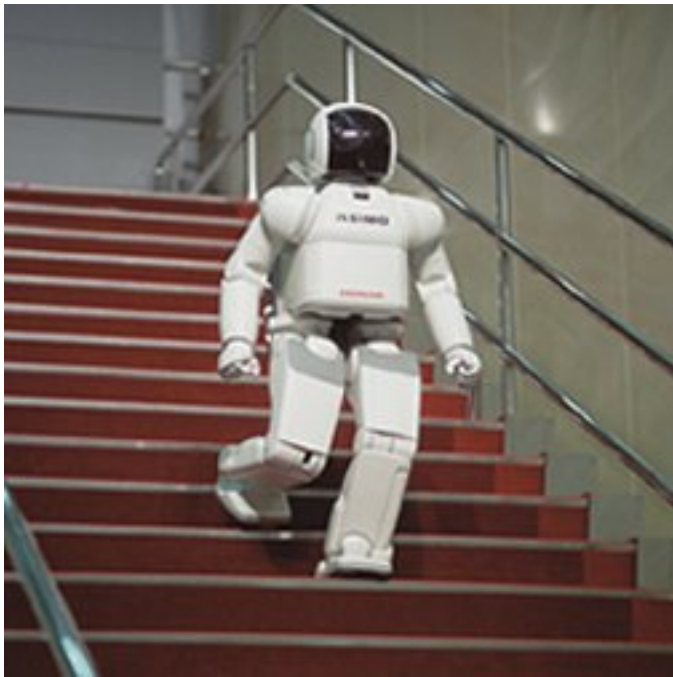
complex

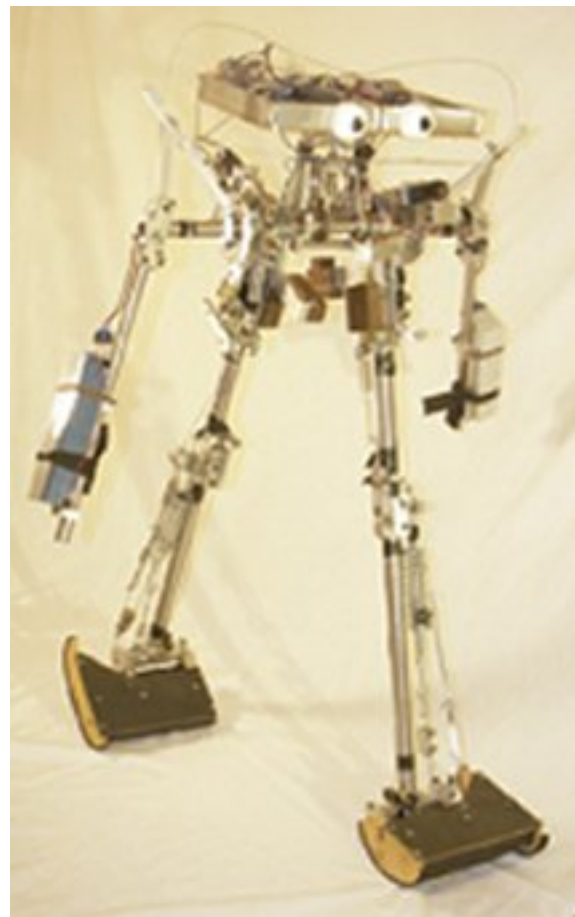
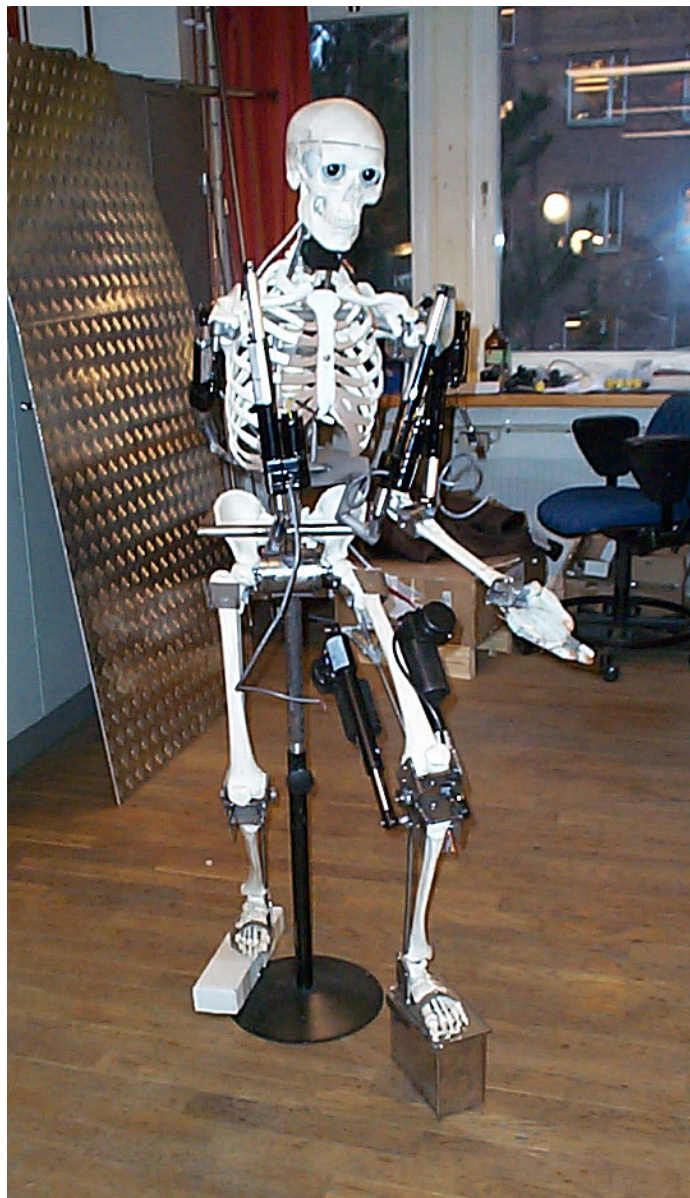
Jip gaat met de auto





De huishoudelijke hulp van de familie Jip en Janneke





Volgende informatie-revolutie

- Veelheid aan producten, technologieën, toepassingen integreren tot één onzichtbaar samenwerkend 'intelligent' geheel
 - Veiligheid, betrouwbaarheid
 - Schaalbaarheid
 - energiezuinigheid
- Elektrotechniek-Wiskunde-Informatica