Foresight: New Old – exploring the potential for design and designers to enhance the experience of later life

Professor Jeremy Myerson

Housing LIN Annual Conference
Impairments of Ageing

**Sensory**
- Hearing
- Vision

**Motion**
- Locomotion
- Reach & Stretch
- Dexterity

**Cognitive**
- Communication
- Intellectual Functioning
Housing for older people
Housing for older people
An exhibition of new products designed to help older people stay independent at home.

NEW Design for OLD

Boilerhouse
environmental module incorporating
lighting, ventilation and radiant
infrared heating

central service core containing
plumbing, easy access controls
and low level lighting

combination of vertical, horizontal
and angled handrails as support
system

backrest

three showerhead levels for
standing and seated users

sliding door

adjustable height seat, slatted for
drainage and ease of cleaning

sealed locker for towel storage,
rotates for accessing from inside
and outside

non-slip floor surface

left door pivots to facilitate
cleaning and "stack out" for
safety exit
Designing for our future selves
Models of Ageing

Medical

Social

Cultural
Aura power suit
'Grankini' body suit empowers the elderly with motorised fabric

...
Design research with Ideal Standard
A core ingredient in the recipe for community

SPIRIT analyses social activity

Makes subtle suggestions & nudges

Creates & strengthens interpersonal connections

Improves social wellbeing

Creates happier communities

*It's an initiative powered by local councils as an option service for individuals.*
Care-Free Home System

consists of five core devices: A, B, C, D, E.

System monitoring and content

Friends & Family and carers

Internet of Things, security and domestic appliances

Fire wall

Data hub

Assistant intelligible

E-sensor

MiRo Companion

Bracelet Buddi
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Tweets

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Stairlift movements  Home temperature  Electrical appliances  In/out of the house

In which room (motion sensors)  Cameras in rooms  Toilet flush  Remote controlled rover
HUMAN v. AUTOMATON
Who provides the better home care?
SPECIAL NEEDS V. SOCIAL INCLUSION
How to create inter-generational links?
SCALING UP V. SCALING DOWN
Global scale or local appeal?
PRIVATE LIVES V. SHARED DATA
Shifting attitudes to privacy
PASSIVE v. ACTIVE
What is housing for older people for – survival or participation?
THANK YOU