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## ***The Visiting Professor Schemes: Past, present & future***



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16 September 2009



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# Overview

- The story so far
- Notable achievements
- Developments since 2007
- Visiting Teaching Fellows
- London Design Festival 2010
- The future





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# The story so far



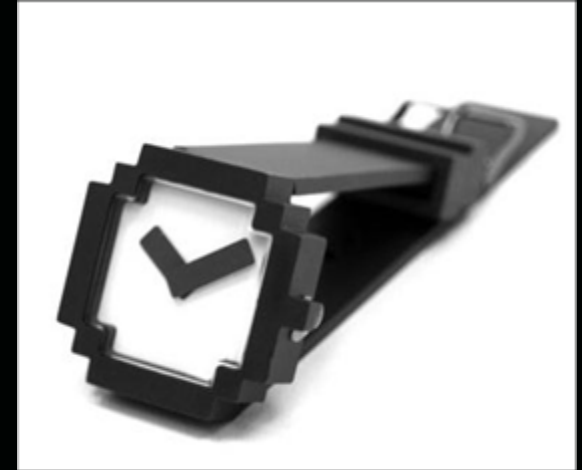
## Objective

Enrich the engineering undergraduate curriculum through the injection of cutting edge industrial engineering practices and case study material delivered by senior industrial engineers



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# Timeline



- 1989: Principles of Engineering Design (209/46)
- 1998: Sustainable Development for Engineering Design (28/26)
- 2003: Integrated System Design (30/24)+
- 2007: Innovation (8/8)+



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# Notable achievements

- Outreach estimated at 300-400 students per VP
- Influence
- Role models
- Election to FREng





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# The bigger picture



- Pioneer and exemplar of experience-led education
- Engineering is underpinned by design
- Sustainable development added to the UK SPEC
- Importance & significance of a systemic approach
- Innovation; 'bringing order to the creative process'



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## Developments since 2007

- Increased recognition & consultation by policy makers
- Fund raising programme launched
- VPs in Innovation scheme launched
- Visiting Teaching Fellows scheme launched
- Formal event programme launched
- Commitment to the London Design Festival from 2010



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# Visiting Teaching Fellows



- Hands-on practitioners working at the 'coal face'
- Typically CEng +four years
- 10 days per year; 90% student contact time
- Appointed for two years; possible extension to four
- 2008/09 Pilot scheme: 14 VTFs at 13 universities
- 2009/10 Second round.....any takers?



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# London Design Festival 2010



- ‘Engineering design for a sustainable London’
- Showcase the very best of UK engineering design
- Pivotal role in tackling climate change, establishing a low carbon economy & wealth creation
- Programme of activities & exhibition
- Looking for VP & VTF involvement



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# The future

- More women VPs & VTFs!
- Enhance the profile of the VP & VTF schemes
- Systems Engineering added to the UK SPEC
- Establish the VP in Innovation scheme with 50 VPs
- Establish the VTF concept with a further 15 tranches
- Use the LDF to showcase UK engineering design
- Use industrial funding to further the VP & VTF brands





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Thank you for  
your attention!

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