



**Nelson Mandela
Metropolitan
University**

for tomorrow

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Summary of the Key Issues

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Keynote Addresses (1)

- **A profession has to be developed**
- **Corruption:**
 - **Cripples an industry and country**
 - **Education and training can mitigate**
- **Competencies of contractors must be assessed**
- **CM (construction) requires a paradigm shift to make it more attractive to potential (generation Y & Z) and current incumbents**
- **Government interventions result in intended and unintended consequences**
- **Change traditional processes**
- **Leadership**
- **Quality versus rework**



Keynote Addresses (2)

- **Integrate new technologies**
- **Innovate**
- **Integrate design and construction**
- **Risk management**



Scientific papers (1)

- A range of design, site, and CM factors influence project performance
- ICT has major potential to enhance performance
- Technical and ‘management of the business of construction’ competencies are important for emerging contractors and contractor development programmes
- Interpersonal / communication skills and issues are critical
- Basics of CM such as programming, scheduling, resourcing, work study, and cost control are important
- Organisation behaviour is an important aspect
- Delivery of CM education must relate to the Y-Generation
- Physically challenged people can participate in construction



Scientific papers (2)

- **The nature of construction sites can be enhanced to improve performance**
- **Corruption occurs during all phases of projects**
- **Construction and demolition (C&D) waste is a challenge**
- **Technology is a business strategy issue**
- **Cost overruns are an issue**
- **Supply chain management should address 'green' issues**
- **Geographic and product diversification is an important consideration**