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# A Review of GloNIC Activities in 2008 and a Proposal for Future Collaboration

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# Content

- What did we do in 2008?
    - Research projects
    - Training program
    - Annual workshop
  - What's next
    - A proposal calling for collaboration
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# Research projects

- Paradigms for Managing Construction Risks and Opportunities for Global Profession
    - Goal: the study aims to build models for proactive management and to be in the forefront of creating opportunities from Finnish and Chinese perspectives.
    - Collaborators:
      - VTT Technical Research Centre of Finland
      - Helsinki University of Technology, Finland
      - University of Reading, UK
      - Tolonen, Tampere University of Technology, Finland
      - Tsinghua University, PRC
      - Shanghai Jiao Tong University, PRC
      - Tianjin University, PRC
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# Research projects

- **Product Integrity Concerns in Low-Cost Sourcing Countries**
    - To help construction workers and contractors build profitable, higher quality structures and, in the meantime, make work sites safer for workers and completed structures safer for users.
    - Collaborators
      - University of Florida, USA
      - Tsinghua University, PRC
      - Anti-Counterfeiting Operations at Underwriters Laboratories Inc., USA
      - Iowa State University, USA
      - University of Glamorgan, UK
      - Hong Kong Polytechnic University, Hong Kong
      - Hwa Chin Tech Corporation, Taiwan
      - National University of Sciences and Technology, Islamabad Pakistan
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# Research projects

- Risk Assessment: introduce structural reliability approach into construction safety and health management
    - Goal: Improve construction safety and health performance in international context by applying structural reliability approach
    - Collaborators:
      - The University of Florida, USA
      - Tsinghua University, PRC
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# Research projects

- Behaviour based construction safety culture approach for Land Transport Authority, Singapore
    - Goal: Evaluate and improve the site safety culture of LTA by applying behaviour science methods
    - Collaborators:
      - Tsinghua University, PRC
      - LTA, Singapore
      - National University of Singapore, Singapore
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# Research projects

- A Comparative study of the strategies of leading international construction firms
    - Goal: identify and compare the corporate and business strategies of leading European and Chinese construction firms to develop a grand strategy taxonomy and assess the correlation between strategic adjustment and corporate performance.
    - Collaborators:
      - Chalmers University of Technology, Sweden
      - Tsinghua University, PRC
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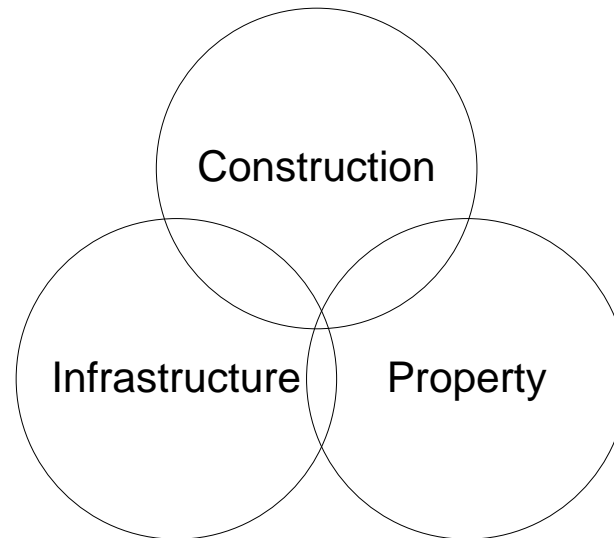
# Research projects

- Failures of privately participated infrastructure projects in Asia
    - Goal: Decode the failure reasons of privately participated infrastructure projects and develop success/failure factors and potential best practices for future PPI projects.
    - Collaborators:
      - University of Melbourne, Australia
      - Nanyang Technological University, Singapore
      - Indian Institute of Technology, Madras, India
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# Training

- Summer program in 2009
- Middle July
- IIEPM, Tsinghua University
- Lecturers and students
- Tuition
- Content



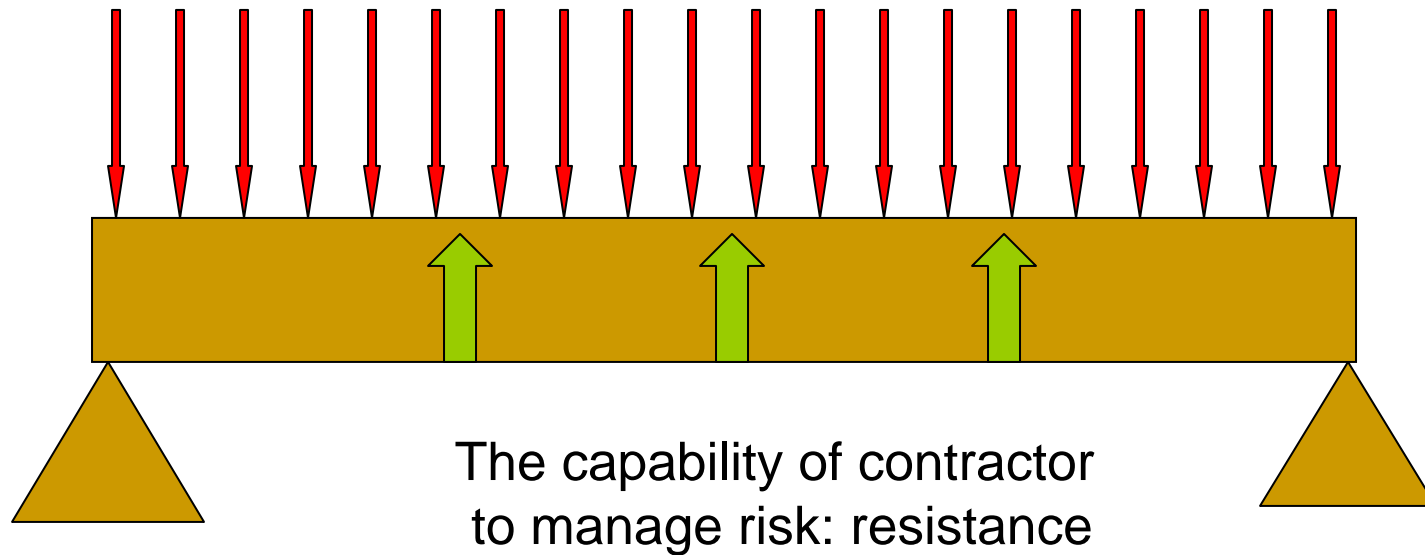
# Annual Workshop

永和九年歲在癸丑暮春之初會  
于會稽山陰之蘭亭脩契事  
也羣賢畢至少長咸集此地  
有峻領茂林脩竹又有清流激  
湍映帶左右引以為流觴曲水  
列坐其次雖無絲竹管弦之  
盛一觴一詠亦足以暢叙幽情  
是日也天朗氣清惠風和暢仰  
觀宇宙之大俯察品類之盛  
所以遊目騁懷足以極視聽之  
娛信可樂也夫人之相與俯仰  
一世或取諸懷抱悟言一室之內  
或因寄所託放浪形骸之外雖  
趣舍萬殊靜躁不同當其欣

# What's Next

Risk Assessment by applying structural reliability approach to international construction risk management

Risks in international construction: load



# What's Next

