

## CV for Mark L. Batchelar

- Experience:**
- Principal of **mlb** Consulting Engineers a New Zealand practice established in 1985 specializing in structural timber design. He held the inaugural Timber Engineering Research Fellowship at the Auckland University School of Engineering from 1979 to 1984 and made a significant contribution to education and promotion of timber as a competent structural material for use in the design of large structures. Mark has designed many significant timber structures locally and overseas, presented papers at a number of World Conferences on Timber Engineering and received several timber design awards.
- Qualifications:**
- Bachelor of Engineering (Civil) NZ 1972
  - Master of Engineering (Civil) NZ 1973
  - Fellow of Institution of Professional Engineers NZ (FIPENZ)
  - Member of Institution of Engineers Australia (CPEng Aust)
  - Chartered Professional Engineer (CPEng)
- Professional Involvement:**
- NZ Timber Certification Board Member representing the Institution of Professional Engineers NZ, elected 1997 and continuing
  - IPENZ Professional Membership interviewer
  - Pacific Timber Engineering Conference '84 & '99 Member of Organising Committee
  - NZ Structural Engineering Society (SESOC) Management Committee, elected 2002 & continuing (President 2009-2010)
  - IPENZ'02 Representative on NZ Standard 3603 "Timber Structures Standard" Amendment Committee
  - IPENZ'03 Representative on NZ Standard DZ 3622 Committee: "Verification of Timber Properties"
  - IPENZ'03 Representative on NZ Standard 3603 "Timber Structures Standard" Review Committee
  - BRANZ Appointed to Building Research Board of Directors (IPENZ representative (2005-2007))
  - World Conference on Timber Engineering 2012, Management Committee.
- Design Awards:**
- 1986 SETMA Timber Design Award
    - 10,000sq.m. triboard Mill, Kaitaia, NZ
  - 1989 SETMA Timber Design Award
    - Bowens Timber and Hardware Store, Melbourne, Australia
  - 1993 SETMA Timber Design Award
    - Royal Hong Kong Jockey Club Project, Hong Kong
  - 2003 Finalist Origin Timber Design Award for Grand Hyatt Hotel Dubai
  - 2010 NZ Wood Timber Design Awards for Ruby's Restaurant

## Abu Dhabi

- Winner "Clever wood solutions"
- Highly commended "Commercial Engineering Excellence".

**Publications:**

- "Improved Plywood Gussets for Timber Portal Frames"
  - Pacific Timber Engineering Conference, Auckland, NZ, 1984
- "Multi-bay Timber Portal Construction"
  - Pacific Timber Engineering Conference, Auckland, NZ, 1989
- "New Zealand Engineered Timber in Overseas Markets"
  - IPENZ Conference, Auckland, NZ, 1991
- "Composite Plywood and Steel Gusset Plates for Moment Resisting Joints in Timber Frames"
  - M.L. Batchelar and R.D.Hunt  
International Timber Engineering Conference, London, UK, 1991
- "Full Scale Bolted Joint Tests for Royal Hong Kong Jockey Club Project"
  - M.L. Batchelar and R.D.Hunt  
Pacific Timber Engineering Conference, Brisbane, Australia, 1994
- "Glue-laminated Timber Roof Structures for Royal Hong Kong Jockey Club, Clubhouse Development"
  - Australasian Structural Engineering Conference, Sydney, Australia, 1994
- "Structural Joints in Glulam"
  - M.L. Batchelar and K.A.McIntosh
  - World Conference on Timber Engineering, Montreux, Switzerland, 1998
- "CCCAS Youtd Centre Kanana Fou - Case Study"
  - Pacific Timber Engineering Conference, Rotorua, NZ, 1999
- "New Zealand Radiata Pine and Timber Grading Methods"
  - SESOC Journal Vol. 15 No.1 2002
- "Timber Frame Moment Joints with Glued-In Steel Rods - A Designer's Perspective"
  - World Conference on Timber Engineering, Portland, USA, 2006
- "Full-strength round timber pole conneciton using annular grooves"
  - Morris, H., Batchelar, M., Teh, K.
  - World Conference on Timber Engineering, Miyzaki, Japan, 2008.
- "Moment joints in Timber Frames Using Glued-In Steel Rods: Experimental Investigation of Long-Term Performance".
  - Fragiacomio, M., Batchelar, M.

- World conference on Timber Engineering, Riva del Garda, Italy, 2010.