New Zealand Concrete Society
Concrete ’99 – Creating in Concrete – Architectural and Engineering Perspective
Technical Conference & AGM – Wairakei Resort Hotel, Taupo – October 1999

Technical Papers (TR22)

Session 1: Dreams to Reality
Panel Discussion – Architecture in Concrete

Session 2: Case Study: Design and Construction of the Metropolis/Regency Project - Auckland
- Concrete, Time and Architecture – Richard Goldie, Project Architect, Peddle Thorp Aitken Limited
- Metropolis Regency: 40 storey apartment building, A case study of reinforced concrete high rise construction – Mark Moore, Project Manager, Holmes Consultancy Group
- Metropolis Regency: A case study of concrete high rise construction – Rob Lockett, Project Manager, Multiplex Construction (NZ) Limited

Session 3: Keynote Speaker
- The Future of Concrete in the 21st Century – Pierre-Claude Aitken, Faculty of Engineering, Sherbrooke University, Canada

Session 4: Specifying Concrete for Architects
- Detailing, Durability, Self Cleaning – Morten Gjerde, School of Architecture, Victoria University of Wellington
- Architectural Concrete Specifications or a Matter of Opinion – Duncan Morrison, Stresscrete
- When an Engineer needs to be an Architect! – Michael Newby, Michael Newby and Associates

Session 5: Otira Viaduct
- Construction of the Otira Viaduct: A consultants perspective – Richard Holyoake, Beca Carter Hollings & Ferner Ltd
- Environmental aspects of Otira Viaduct construction – Bruce Watson
- Construction of Otira Viaduct – Albert Smith and Peter van den Elzen, McConnell Smith Ltd

Session 6: Concrete Briefs
- The Main Dock Refurbishment Project, Pago Pago, American Samoa – Chris Munn, G K Shaw Limited
- New Zealand case studies for the use of steel fibre reinforcement in concrete – Jubran Naddaf, Firth Industries Limited
- Increase of load carrying capacity of beams by means of composite material plates – J I Restrepo and Y C Wang, University of Canterbury
- Fire performance of New Zealand light weight aggregate concrete – Michael Inwood, Macdonald Barnett Partners Ltd
- The Mana Island Concrete Gannet Colony – Len McSaveney, Firth Industries Limited