Curriculum Vitae

Dr Raymond Yau

Dr Raymond Yau is a Technical Director of Ove Arup & Partners Hong Kong Limited. Prior to his transfer to Hong Kong office in 1992, Dr Yau worked in Arup London Office since 1987. He is now the Head of the Advanced Engineering Team in Arup Hong Kong responsible for all complex fluids or energy engineering applications in connection with the utilisation of Computational Fluid Dynamics, and Dynamic Thermal Modelling. He is particularly experienced in the Building Environmental study and the design of innovative energy saving building services design involving energy conservation measures and renewable energy uses.

Dr Yau has extensive experience in projects in Hong Kong, China, Japan, France, Germany, and the United Kingdom. He is currently leading the EMSD's Implementation Study for a district cooling scheme at the South-east Kowloon Development, and the engineering study of the Buildings Department's review of Regulations in lighting and ventilation of buildings. Dr Yau has been involved in over 10 projects with the Housing Department, providing Building Environmental or Sustainability Study to Site-specific Housing Designs or performance-based approach in compliance with prescribed windows in lighting & ventilation. He is currently involved in the Housing Authority "Public Housing in the new era – Shui Chuen O" project, providing input to the Building Environmental Innovations to the overall sustainability concept of the project as well as to other Site-specific housing designs currently undertaken in Sau Mau Ping Estate and Choi Wan Road Site.

Dr Yau is a member of the Design & Technical Executive in The Arup Group Limited responsible for all D&T matters in the global firm. Dr Yau is a member of the Advisory Board of the proposed MArch course in Inter-disciplinary Design Management of the Department of Architecture at the University of Hong Kong. He is currently the President-elect of the Hong Kong Chapter of the American Society of Heating Refrigerating & Air-conditioning Engineers.