



WORKSHOP

ADVANCED INSTRUCTION TO THE VACUUM INSULATED GLAZING

SUMMARY

The Vacuum Insulated Glazing (VIG) technology is of great interest in providing for the future requirements of highly insulating buildings. This is an advanced workshop that will discuss topics such as, the results of thermal and wind load testing, framing issues, production costing, service lifetime, vacuum stability and getters, advanced testing relative to standards, etc. In part the workshop will be interactive, where the participants will have access to a software package to explore design parameters, performance data, and the manufacturing breakdown of the VIG.

KEY POINTS

- Background to the Vacuum Insulated Glazing (VIG)
- Interactive design optimisation
- Results of external load application
- Standards testing of the VIG
- Service life and durability of the VIG

TIMETABLE 25TH OF JUNE

- 14.00 Seating of participants, introduction of speaker
- 14.10 Where is the Vacuum Insulated Glazing (VIG) today
- 14.50 Short break for questions (tea/coffee)
- 15.00 Core issues surrounding the future use of VIG
- 15.40 Long break for questions (tea/coffee/snacks)
- 16.10 Interactive Q&A on all VIG topics of interest
- 16.50 Short break for questions (tea/coffee)
- 17.00 What is the future for VIG
- 17.40 Closing remarks and final questions from participants
- 18.00 End of the workshop

Duration: 4 hours

ORGANISERS



CENK KOCER, UNIVERSITY OF SYDNEY

Dr Cenk Kocer is a senior researcher with over 18 years experience in the area of Vacuum Insulated Glazing (VIG). His research focus is the design, manufacture, and quality/durability of the VIG window system. Using experimental and numerical (such as finite element analysis) methods, he is involved in the detailed study of the thermal and mechanical properties of VIG and other thermally insulating technologies.