

Objective

The goal of the symposium is to provide a forum for the exchange of ideas, methods and results in computational heat transfer. Papers on all aspects of CHT – both fundamental and applied – will be welcome. Topics will include but are not limited to:

- Biological heat transfer
- Micro and nanoscale heat transfer
- Boundary layer flow and heat transfer
- Natural convection
- Combustion and fire modelling
- Radiative heat transfer
- Computational methods
- Single and multiphase flow and heat transfer
- Double diffusive convection
- Solidification and melting
- Energy
- Sustainability
- Environmental heat transfer
- Turbulent heat transfer
- Forced Convection
- Turbulence modelling
- Internal flow and heat transfer
- Verification and Validation
- Materials processing and manufacturing

The conference is dedicated to Professor Suhas Patankar, who has been a pioneer in the field of Computational Heat Transfer and who has been a major force behind much of the recent work in CHT. A special honor is also planned for Professor Graham de Vahl Davis, who has spearheaded these conferences and contributed extensively to the field.