



## Programme

Venue                      University of Southampton, Building 19 (Next to Wolfson Building)

### Timetable

- 09:30    Registration and *Coffee*
- 10:00    The Vision & Scope of WinDesign 6.  
          Clay Oliver
- 10:15    Collaborative Tools & Complementary Technologies and for WinDesign 6.  
          Andy Cloughton
- 10:30    13:00    Overview and features of WD6.  
          *Includes Coffee break*
- ▶ Unified VPP & LPP using surface definitions.
  - ▶ Component based hydrodynamic and aerodynamic Force models.
  - ▶ Revised Output and visualisation options.
  - ▶ Detailed Force data for components, both input and output.
  - ▶ Pre processing of CFD data into the WD 6 force prediction model.
  - ▶ Yaw and Vertical force balance.
  - ▶ Updated look and feel, tabs, feature tree and Viewer
  - ▶ Revised work flow and input options to speed up workflow.
  - ▶ Simplification of yacht and environment and race modelling control
  - ▶ “BRIO” collaboration, visualisation and data management & control application. (Bundled with WD 6)
- 13:00    *Lunch*
- 14:00    “BRIO”, a collaborative tool and portal to complementary codes.
- ▶ Secure and robust data interchange between yacht designers, sail designers and project managers.
  - ▶ Visual presentation of aero and hydro components.
  - ▶ Pre-processor to CFD codes (RANS codes e.g. OpenFOAM) Panel Codes e.g. FloLogic.
  - ▶ Interface to other design tools, e.g Flow Membrain, Azure Project.
- 14:45    CFD Opportunities for WD6 and BRIO users.
- 15:15    *Tea*
- 15:30    Open session
- 16:30    Close

### Registration

Please email the following information to [wumtia@soton.ac.uk](mailto:wumtia@soton.ac.uk)

1.        Name of attendee(s)
2.        Company name and address for invoice
3.        Any special dietary requirements