

WP3: Advanced computer simulation techniques in energy sector

Workshop on advanced techniques in CFD

Draft Programme – 1st, 2nd and 3rd June

1. June 1st – CFD modelling I

8¹⁵ – 8⁴⁵ Registration – **C102**

8⁴⁵ – 9⁰⁰ Opening and information about RECENT Project – **C109**
Prof. Andrzej J. Nowak – ITT, Gliwice, Poland
Prof. Ryszard A. Białecki – ITT, Gliwice, Poland

9⁰⁰ – 10³⁰ Modelling of turbulent flows – **C109**
Dr Maciej K. Ginalski – ANSYS Fluent, Sheffield, UK

10³⁰ – 11⁰⁰ Coffee break

11⁰⁰ – 12³⁰ Multiphase flows – **C109**
Dr Alan Burns – University of Leeds, UK

12³⁰ – 14⁰⁰ Lunch

14⁰⁰ – 15³⁰ Hands-on training
Dr Maciej K. Ginalski – ANSYS Fluent, Sheffield, UK – C60
Dr Adam Klimanek – ITT, Gliwice, Poland – C118

15³⁰ – 16⁰⁰ Coffee break

16⁰⁰ – 17³⁰ Hands-on training
Dr Alan Burns – University of Leeds, UK – C60
Dr Duncan Borman – University of Leeds, UK – C118

From 19⁰⁰ Gathering in **Ines Restaurant**

2. June 2nd – CFD modelling II

8³⁰ – 9⁰⁰ Registration – **C102**

9⁰⁰ – 10³⁰ CFD modelling of fluidised beds – **C109**
Ms Sirpa Kallio – VTT, Espoo/Otaniemi, Finland

10³⁰ – 11⁰⁰ Coffee break

11⁰⁰ – 12³⁰ Radiation in CFD modelling – **C109**
Dr Gabriel Węcel – ITT, Gliwice, Poland

12³⁰ – 14⁰⁰ Lunch

14⁰⁰ – 15³⁰ Hands-on training
Ms Sirpa Kallio – VTT, Espoo/Otaniemi, Finland – C118
Mr Juho Peltola – VTT, Espoo/Otaniemi, Finland – C60

15³⁰ – 16⁰⁰ Coffee break

16⁰⁰ – 17³⁰ Hands-on training
Dr Gabriel Węcel – ITT, Gliwice, Poland – C118
Dr Adam Klimanek – ITT, Gliwice, Poland – C60

From 19⁰⁰ Gathering in **Secesja Restaurant**

3. June 3rd – CFD modelling with User-Defined Functions (UDFs)

9⁰⁰ – 10³⁰ Introduction to UDFs – **C109**
Dr Jacek Smółka – ITT, Gliwice, Poland

10³⁰ – 11⁰⁰ Coffee break

11⁰⁰ – 12³⁰ Hands-on training
Dr Jacek Smółka – ITT, Gliwice, Poland – C118
Dr Zbigniew Buliński – ITT, Gliwice, Poland – C60

12³⁰ – 14⁰⁰ Lunch

14⁰⁰ – 16⁰⁰ Hands-on training
Dr Jacek Smółka – ITT, Gliwice, Poland – C118
Dr Zbigniew Buliński – ITT, Gliwice, Poland – C60

16⁰⁰ Closure