PROGRAM 9.30 – 15.00

9:30 – 10:00
Participants' arrival / Registration / Come together

10:00 – 10:10
Welcome (Alexander Vakhrushev, CD-Lab MU Leoben)

10:10 – 10:35
Christian Rodrigues (SMMP MUL): "On two-phase Euler-Eueler modelling of the alloy solidification"

10:40 – 11:05
József Nagy (JKU Linz): "On fire safety engineering capabilities of the OpenFOAM®"

11:10 – 11:35
Eva-Maria Wartha (TU Wien): "An implicit solution algorithm with explicit corrector step for reactingTwoPhaseEulerFoam"

11:40 – 11:45
Bernhard F.W. Gschaider (HFD Research): "Announcement of the OpenFOAM® Workshop"

11:45 – 12:40   Lunch break in Mensa

12:45 – 13:10

Mirza Popovac (Austrian Institute of Technology): "Discussion about the OpenFoam implementation of the robust eddy-viscosity elliptic relaxation turbulence model and related compound near-wall treatment"

13:15 – 13:40

Marwan Darwish (American University of Beirut): "On numerical algorithms, implicit formulations"

13:45 – 14:00
Coffee break

14:00 – 14:25

Alexander Vakhrushev (CD-Lab MUL): "Modelling electro-magnetic brake during thin slab continuous casting: model verification and applications"

14:30 – 15:00
Networking | Discussions

15:00

Conclusions and the future plans for PFAU