



## The 2<sup>nd</sup> Summer School of Computational Fluid Dynamics

Faculty of Mechanical Engineering, Skopje, Macedonia  
from 1<sup>st</sup> July 2018 to 6<sup>th</sup> July 2018

### Programme

#### Monday 2<sup>nd</sup> July

10:00 am – 11:00 am “Building Knowledge and Experience Exchange in CFD”, Asst. Prof. Siniša Bikić, PhD, University of Novi Sad, Faculty of Technical Sciences.

11:15 am – 13:00 pm “Application of CFD technology in hydrofoils and hydraulic turbines”, Prof. Zoran Markov, PhD, Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering.

#### Tuesday 3<sup>rd</sup> July

10:00 am - 11:30 am “Generalized coordinates”, Prof. Maša Bukurov, PhD, University of Novi Sad, Faculty of Technical Sciences.

11:45 am - 13:15 pm “Mapping the physical integration domain into the rectangular computational region (2D case)”, Asst. Prof. Slobodan Tašin, PhD, University of Novi Sad, Faculty of Technical Sciences.

#### Wednesday 4<sup>th</sup> July

10:00 am - 11:30 am “Analysis of heat transfer and fluid flow in nanofluid plate heat exchanger with the application of CFD technology”, Marija Lazarevikj, MSc, Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering.

11:45 am – 12:30 pm “Presentation of Faculty of Technical Sciences”, Asst. Prof. Siniša Bikić, PhD, University of Novi Sad, Faculty of Technical Sciences.

#### Thursday 5<sup>th</sup> July

City tour.

#### Friday 6<sup>th</sup> July

10:00 am - 13:00 pm “Finite Volume Method – Simple Algorithm”, Asst. Prof. Siniša Bikić, PhD, University of Novi Sad, Faculty of Technical Sciences.