



K-FORCE TRAINING VISIT AT UNIZA - January 28 – February 08, 2019
Place: University of Zilina, Faculty of Security Engineering, Slovak republic

Report from staff training

As part of the K-FORCE project UNIZA (P10) organised a training visit for academic staff from the Western Balkan countries. This visit took place at the Faculty of Security Engineering, University of Zilina and Besenova, Slovak Republic from January 28 – February 08, 2019. The primary focus was on gaining new teaching and research skills at the MSc level.

The following staff from WBC higher education institutions were involved:

1. Mirjam Ndini from the Epoka University, Albania
2. Gordana Broćeta from the University of Banja Luka, Bosnia and Herzegovina
3. Llesh Lleshaj from the University of Tirana, Albania

During the the folowing activities were undertaken:

- Introductory lecture by UNIZA,
- Guided project work,
- Lab experiments,
- Final evaluation.

The programme of the visit was as follows:

Day	Monday 28.01.	Tuesday 29.01.	Wednesday 30.01.	Thursday 31.01.	Friday 01.02.
Faculty of Security Engineering, University of Žilina					
AM 10-12 room	Kick off meeting MA116	Fire modelling MA116	Fire modelling MA116	Laboratory experiments Building B labs	Laboratory experiments Building B labs
PM 13-15 room	Introduction to fire modelling MA116	Fire modelling MA116	Fire modelling MA116	Laboratory experiments Building B labs	Laboratory experiments Building B labs
Day	Monday 04.02.	Tuesday 05.02.	Wednesday 06.02.	Thursday 07.02.	Friday 08.02.
Conference room – Hotel Besenova					
AM 10-12 room	Self study / work on model assignments	Self study / work on model assignments	Review of models 1st group	Review of models 2nd group	Final evaluation
PM 13-15 room	Self study / work on model assignments	Self study / work on model assignments	Review of models 1st group	Review of models 2nd group	



The visit began on 28.01. by a kick-off meeting on which all attendees met with the UNIZA staff primarily involved in the training (Vladimir Mozer, Miroslava Vandlickova and Linda Makovicka Osvaldova) and were given information and instructions on the schedule of the upcoming two weeks. In addition information about getting around Zilina, places of interest and other useful details were given to the trainees. In the afternoon an introductory class on fire modelling was delivered during which the trainees downloaded the necessary simulation software and a short walkthrough was given. During the class each of the attendees created a simple model as per the instructors guidance.

Most of the training was focused on computer fire modelling. The trainees received a three-day-long focused training session on fire modelling using a zone computer model CFAST. This lesson involved creation of a more complex model case based on which the trainees were given assignments for their project work in this subject.

Subsequently, the training was as per the schedule above. The activities involved practical laboratory experiments in which samples of wood (untreated and fire retardant treated) were tested in fire conditions and results collected and analysed by the trainees (31.1. and 01.02.).

The second week of training took place in Besenova, Slovak republic, so that the trainees could appreciate Slovak rural environment as well. During this session the trainees were working on their project assignment in the computer fire model. As and when needed they consulted encountered problems and worked towards the solution of their problem. Eventually the models were reviewed by Vladimir Mozer and any outstanding issues were closed. These review sessions were open to other attendees so that they could observe others approach, discuss and learn from them.

The training visit ended on the Friday 08.02. in a final evaluation session where the trainees and the lecturers discussed the visit and if the objectives have been achieved. Following that each of the trainees filled in an anonymous training evaluation form which have been collected and sent to the project coordinator. Also letters confirming the attendance were distributed to the attendees.

During the visit an informal social event was held on 30.01. during which the centre of Zilina was shown to the trainees followed by a networking dinner.

Overall the visit was received positively by both the trainees as well as the UNIZA staff involved, which was also confirmed by the positive feedback received through the evaluation forms. Attached are photos from the various sessions of the training visit.