



GERMANY
 Berliner Feuerwehr, 10150 Berlin, Germany

Wednesday – 31 May 2017

For attendees please check the list of [participants](#).

08.00	Registration of delegates
09.30	Welcoming at the Institute
	Welcome speeches by:
-	<u>EFSCA Chairman Harald Herweg:</u> At the BFRA in Berlin Mr. Harald Herweg welcomes all attendees of the EFSCA conference. He introduces Mr. Frank Pohland who will be our guide during the next two days of the conference.
-	<u>President of the EFSCA: Mr. Wim Beckmann:</u> Mr. Wim Beckmann. The complete content this speech can be found in the attached link
	After the welcome speech of Mr. Wim Beckmann, Landesbranddirektor Chief officer Mr. Wilfrid Gräfling welcomes all attendees and presents the Berlin Fire Service candidates who sing their special fire service song.
	Raising the flag of Germany
	Raising the flag of EFSCA and group photo
10.30	Familiarization with the BFRA's facilities
12.30	Lunch at the hotel
14.00	Conference opening The conference is opened by mr. Frank Pohland and he introduces the first presenter Mr. Chris Addiers.
14.15	Presentation 1: Mr. Chris Addiers (President of FEU, Belgium); Subject: Cooperation between FEU and EFSCA

	<p>In his presentation Mr. Addiers takes us back to the history and background of the FEU. The FEU has 5 topics on which they focus their attention. For these projects FEU reaches out to partners in safety to exchange knowledge and expertise. Also EFSCA could be a good partner for FEU. The main goal for FEU is a safer world for all people. Fire Service education is still a very young subject in which the focus mostly is on the operational field and there is a far distance between the operational field and the educational part. There is a connection, but we are not always operating at the same level. There have been some efforts, but unfortunately with poor results. He suggest that EFSCA should investigate were we stand in the “Groups of on the map of success”</p> <p>As a guideline he presents “a roadmap for smart fire fighter education” in which EFSCA and FEU, could work together.</p>
	This presentation can be found in the attached link
	Questions:
	Is this presentation is available afterwards?
	Answer:
	All presentations will be available after the conference.
14.40	Presentation 2:
	Mr. Rafel Esteban / Mrs. Anna Figueras / Ms. I. Ruis;
	Subject: Course of volunteers firefighters of Generalitat of Catalonia 2017.
	The 2 nd and the 3 rd presentations have been switched.
	Mrs. Anna Figueras explains that Catalonia has its own school to train fire fighters. Mrs. Anna Figueras gives a introduction of the Catalonian firefighting college. The college makes use of practical training, Blended learning, Learning and knowledge technology, simulations, key competences, flipped classroom. This is combination with an assessment.
	Mr. Rafel Esteban gives an explanation of the way the course “cartography Urban Fires” is build up. In this course there is more attention for personal safety instead of technical subjects.
	Mrs. Inez Ruis gives an explanation the way the Peer and self-assessment task works. This assignment is checked by 3 partners of the student. A student has to make the competents before he/she can participate a class session. Also they choose the use of the word “learning” over the word “teaching”.
	This presentation can be found in the attached link
	Questions:
	How do you organize to train the trainers for blended learning when you have 10 locations.
	Answer:
	Each area has a coordinator who coordinates these trainers.
	Questions:
	What is the influence of the videos showed to the student? How do you select

	these videos?
	Answer:
	This is related to the impact of the video. It depends on what is the learning item of the shown video.
	After the presentation there is a short discussion about the subject what do want to show the students with the video's. Do you show them the right way to work, or do you choose for showing them also the mistakes which are made in practice. Also there is a discussion about the way the learned information
15.10	Coffee Break
15.20	Presentation 3:
	Mr. Ricardo Weewer, IFV, The Netherlands
	New way of mixing education and research: action learning
	In this presentation Mr. Ricardo Weewer focusses more on the human factor of fire fighter training instead of the technical factor of fire fighter training. There is a lot of difference between what we learn in theory and the practice. Why do we not apply to our knowledge in practice? This is due to the human factor which is involved. Now in The Netherlands the project "action learning" is introduced. It's a joint project of the Fire Service Academy, 60 officers and 4 regions and researchers. It's a new training with new instruments (virtual, tactical breathing and situations awareness) and real cases. After the training follows a practice with body camps and evaluation on individual, regional and national level. 4 regions now work with new (bundles) hoses. During the project they need to evaluate every time the use of these hoses. In this way it's better to understand why sometimes a certain way of firefighting worked and why at other times it didn't work. Also it is important to ask questions without prejudiced.
	Ricardo invites all attendees to join the FSS conference at the IFV of The Netherlands in November next.
	This presentation can be found in the attached link
	After the presentation there is a short discussion about the subject which is at some points recognizable for some of the participants.
	Questions:
	There are no further questions
15.50	End of first conference day
15.55	Presentation 4:
	Mr. Martin Zimmerman, Imsimity GmbH
	Simulation for training in Fire Services (sponsor)
	This presentation can be found in the attached link

Thursday – 1 June 2017

09.00	Presentation 5:
	Mr. Thomas Knauer, BFRA, Germany
	112 Direct - Graduate education for school leavers
	Mr. Thomas Knauer gives an explanation about the training by stages to join the fire service entry level of Brandmeister. A few years ago the BFRA decided that they should enlarge the entry modus of students. This because the number of students entering the Fire Service was decreasing. Therefor the training “112 Direkt” was introduced. This training includes also an manual technical pre-course training (HTG). Since the introduction of this training and its new way of entering the number of new students has increased again. Also people with a migration background entered this training. The training is a successful addition the training program. With this new form of training the BFRA broke with an over a 100 years old tradition in the way of entering the firefighting education.
	Questions:
	What are the costs of this training?
	Answer:
	The fire service pays the personal costs and for the material. The costs of teachers and trainers are covered by Berlin.
	Question
	What can the students do when they decided not the finish the complete training?
	Answer
	The can finish the handcraft education and then search for another employer.
	There is a small discussion with questions regarding the presentation.
	This presentation can be found in the attached link
09.30	Presentation 6:
	Mr. Martin Thomsen, Danish Emergency Management Agency (DEMA), Denmark
	Drones – new technology for training for professional and volunteer Fire Officers
	Mr. Thomsen gives an presentation of the way drones are introduced and used in Demark. In Denmark there at the moment 24 fire districts. The quality of an aerial photo from a drone is quite good. A great obstacle in Denmark was to work around regulations, which are not there yet. Are we allowed to use drones? When are we allowed to use drones? though the amount drones rapidly increased (also from commercial point of view), regulations were made. You can use a drone to gather information about an area of risk, danger and evacuations, to set up a safety area, for the use of tactical flying, following the operation and share information directly with an expert staff, construction fire and development (to simulate the intensity of the heat in a building lamps used

	in chicken farms are used), sectioning of detecting through smoke, to detect multiple hotbeds and evidence, oil on water and coastal reconnaissance, flooding.
	This presentation can be found in the attached link
	This new technology could also be used for training activities.
	Questions:
	Drones are now used only as an intelligence tool during an incident. Does Denmark also use drone to extinguish fires?
	Answer:
	Drones are also used to conduct measurements during incidents
10.00	Presentation 7:
	Mr. Christof Altheim EU, Germany
	The Union Civil Protection mechanisms
	First Mr. Christof Altheim introduces himself to the attendees. After this he explains the work of the Union Civil Protection Mechanism regarding the Emergency Response Coordination Centre (ERCC), the communication and information System (CECIS) and the way factsheets of crisis areas are produced. Further he explains all the different courses which are given by this institute. An overview of the numbers of missions in 2013 and 2017 inside and outside Europe is provided.
	This presentation can be found in the attached link
	Questions:
	There are no further questions
10.30	Coffee Break
10.45	Presentation 8:
	Mr. A. Broemme, President of the THW, Germany
	Training courses of THW (Technisches Hilfswerk)
	Mr. Broemme gives an introduction of how the THW is organized. The mandate of THW is: civil protection, local and national disaster relief on request of local authorities and international operations on behalf of Federal Government. The training of THW is different than the training of the fire service. THW uses the additional expertise of people. Expertise coming from their jobs in their daily lives. Planning of the trainings is nowadays more difficult because more and more people in Germany work on Saturdays. Training of volunteers will be twice or three times a year. To keep volunteers interested and motivated the trainings need to be attractive. THW tries to implement benefits for employers & employees to attract volunteers. Training for THW is a key issue because without appropriate training there is no deployment. THW has a basic training, specialized trainings and international trainings.
	This presentation can be found in the attached link

	Questions:
	How many international mission does THW have in a year?
	Answer:
	At this moment the THW has 3 international missions
11.15	Presentation 9:
	Mrs. Katherine Lamb, Effective Command Mr. Dr. Victor Reis
	Simulation Supported Incident training for professional and volunteer fire officers
	Unfortunately Mrs. Katherine Lamb was not able to join the EFSCA conference due to personal circumstances. During this presentation mr. Reis explains how to implement simulation within training programs. He explains the advantages of simulation, but he also points out that virtual training simulation cannot replace all types of training. Also he explains the process of designing a virtual exercise and scenario description. Game-based elements are implemented in the training.
	This presentation as well as the speech can be found in the attached link
	Questions:
	How to motivate / attract volunteers for training by simulation
	Answer:
	The training should be an valuable time spent for volunteers
11.50	End of second conference day
11.55	Presentation 10:
	Mr. Martijn Boosman, XVR Simulation BV, Delft, The Netherlands
	Trends in Virtual Reality simulation at fire service colleges around the world (sponsor)
	This presentation can be found in the attached link
12.25	Lunch at the hotel
13.25	Work of sections (working groups)
15.00	Coffee Break
15.15	Summing up the results of the workshops:
	Presentation Group 1 Research and Development:
	The working group achieved a lot in the past year. The purposes of the working group is to exchange knowledge and to find ways to cooperate. There are new topics of interest for the year 2017 - 2018. The request from the group is to reserve on the next EFSCA conference agenda some time to share information about projects in which members are involved and if they experience any gaps? In advance of the next annual meeting the board will send and an inventory list to support this subject.
	This presentation can be found in the attached link

	Presentation Group 2 Curriculum development:
	Over the last year there were no results and the chairman of this working group was unfortunately not able to join this year's conference. The group has 6 topics to work on for the next year: <ul style="list-style-type: none"> 1. EU Quality frame (Sweden) 2. Examination (NL) 3. Professional levels by EU (Estonia) 4. Higher Education – FD (Ukraine) 5. Cur. For FD (non-academic) (Germany) 6. Questionnaires UNESCO educational system / FEU (ALL)
	Presentation Group 3 training for volunteers firefighter :
	The last year there were no activities of this working group. A few new members are added to the group. Last year a questionnaire to collect information was sent out, but unfortunately no one responded. Mr. Ferreira tried to plan a meeting last year which did not succeed. The group will try to come together in October this year (2017). The members of the working group will gather information regarding several different subjects. The intention is to continue their activities this year so the group will be more successful

**Iveta UKA
EFSCA Secretary**