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 Subject **Newsletter 2017-3**



To **Members FEMP
 Alumni and students EMMEP programs**

From Hans de Ruiters, Coördinator FEMP

Address:
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Dear students, alumni, industry members, colleagues and guests,

Following you will find the third newsletter of 2017 with an update on the activities of FEMP and the EMMEP programs. Please contact info@femp.org in case you have any questions or remarks. The Alumni Council can be contacted via alumni@femp.org.

Education and students

Most of the 2015-2017 EMC, EMEC and EGECE students have finished their thesis work. .
 The 2016-2018 EMC cohort started early September 2017 with their third semester in Delft and have started to organize their thesis projects. The student who started in September 2016 with the EMRECE program, is now also completing his third semester and thesis work in Delft.

In September this year 15 EMC and 2 EMRECE students started the 2017-2019 programs, EMC at Aalto university and EMRECE at TU Delft. Most likely there will be some students from Aalto University who will decide this semester to participate in the EMRECE program.

The nationalities of the EMC students are: British(1), Canadian(1), Colombian(1), German(2), Netherlands(7), Pakistani(1), Polish(2). 26% of the students are female. The two EMRECE students have Greek and Dutch nationality



Industry

Currently two cohorts of students are participating in one of the two options of the EMMEP program. This is an ideal opportunity for the industry to meet one or more of these groups at the university where they are studying.

	From	Until	Location
Cohort 2016 EMC	September 2016	January 2017	TU Delft
	February 2017	July 2017	Thesis project
Cohort 2016 EMRECE	September 2016	January 2017	TU Delft
	February 2017	July 2017	Thesis project
Cohort 2017 EMC	September 2017	December 2017	Aalto University
	January 2018	April 2018	internships
	Early April 2018	Late August 2018	RWTH Aachen
Cohort 2017 EMRECE	September 2017	January 2018	Aalto or TU Delft
	February 2018	June 2018	Aalto
	September 2018	December 2018	TU Delft

Please contact the following persons if you are interested to meet the students:

Aalto University EMC	Mikael Rinne	mikael.rinne@tkk.fi
Aalto University EMREC	Rodrigo Serna	rodrigo.serna@aalto.fi
RWTH Aachen EMC	Tobias Braun	braun@mre.rwth-aachen.de
TU Delft EMC + EMREC	Mike Buxton	M.W.N.Buxton@tudelft.nl

If you like to get in touch with the thesis students, please contact info@femp.org



FEMP Reunion 2017

From 31 August - 2 September 2017 Miskolc University hosted the 17th reunion and annual meeting of FEMP and the EMMEP programs. All activities took place in and around the city of Sopron, which has a strong link with the University of Miskolc, as the universities in Sopron and Miskolc were the successors of the Academy of Mining and Metallurgy of Selmechánya (established in 1735 now Banská Štiavnica, Slovakia), which was one of the first schools under non-ecclesiastical control in the Habsburg Empire and the first mining academy in Europe. The Academy was moved from Selmechányato to Sopron after the first World War. After the second World War the mining and metallurgical programs moved to Miskolc.



There were 78 participants from Europe, Australia and the USA. 21 of them were MSc students, 2 were PhD students, 35 were alumni and 15 representatives from academia. Again the event proved to be an excellent opportunity to renew and strengthen the FEMP network. The organizing committee existed of: Dr. Ferenc Máдай of University of Miskolc, assisted by emeritus Dr. Tamás Ormos and 4 students from Sopron.

The reunion started on Thursday evening 31 August with welcome drinks and a buffet in the historical surrounding of the Sopron mining museum. Later all participants moved to a pub at the main square opposite the museum to continue the evening.



All Friday events took place at one of the new buildings at the campus of the university. The day started with the business meetings of the FEMP academic and industrial members. The topics focussed on marketing of the program, assistance of industry by offering internships and thesis projects, as well as visiting the students on location in Helsinki, Aachen and Delft.

The official program included the opening by Ferenc Madai, welcome by Mike Buxton and a presentation about the future developments of the alumni council by Thom van Gerwe. The main activity was a presentation and workshop about the Minitura 2020 project, which is a concept and methodology for the definition and subsequent protection of “mineral deposits of public importance” in order to ensure their “best use” in the future and to be included in a harmonised European framework, resulting in improved conditions for sustainable access to mineral deposits and supply of raw materials in the European Union. Before lunch the FEMP member companies and reunion sponsors presented their selves by a 1 minute pitch.



After lunch, the best master theses were presented. The overall best thesis award went to Jeroen van Duyvenbode. The other awards were handed out to Pratama Guntoro, Wokke Wijdeveld and Mikko Koivisto. Later some participants joined a guided tour on the campus or enjoyed a beer with old friends at one of the many terraces in the old town. The evening started with drinks before dinner while meeting the sponsoring companies at the "Meet and Greet", of which many employ FEMP graduates. The rest of the evening included a buffet dinner and drinks.



Saturday 2 September offered a relaxed program with a biking tour on and around the Fertö Lake / Neusiedler See, closed off with a Barbecue 25 participants started the program in the morning, but later others joined in Rust and 15 people came directly to the BBQ.

FEMP Reunion 2018 (by Rutger van Limborgh)

A team from Delft University of Technology is making the arrangements for the 2018 FEMP reunion. The preliminary program is as follows:

- 30 August (Thursday): Participants who arrive on Thursday might join for some beers in the evening at a pub downtown Delft to meet old friends.
- 31 August (Friday): Opening of the reunion. Program at the Delft University of Technology which will include updates about FEMP, EMMEP and the EIT RawMaterials quality label for the EMC, company pitches and the Master Thesis Awards. Late afternoon and evening the program will continue in the city centre with a Meet & Greet with the company representatives, a walking dinner and drinks!
- 1 September (Saturday): Late morning/early afternoon all participants can enjoy some outdoor cultural activities. In the afternoon/evening, there will be a barbecue and drinks at the most memorable pub of Delft; Café Het Noorden!



Alumni Council (by Thom van Gerwe)

The council presented for the first time the future policy to the participants of the reunion. The following details include the feedback which the Council received and which will be used to improve the policy.

The composition of the council is now:

- Thom van Gerwe, MSc - Alumni Council Coordinator
- Laura Tiainen, MSc - Database Management and Social Media
- Lucas Weimer, MSc - FEMP Webpages Management
- Wojciech Strycharski - Photo and Video Management
- Antje Matthäus, MSc - Reunion Coordination

The council will be assisted with the organization of the next reunion in Delft by Rutger van Limborgh, of TU Delft. Rutger is also FEMP's student assistant.

You can reach the alumni council by mailing Thom van Gerwe at alumni@femp.org.

Support from FEMP for Student/Alumni Activities (by Thom van Gerwe)

One of the first initiatives is to focus on one of the main activities which we like to address during the upcoming years. In this, we want to encourage alumni and students to organize activities, which are accessible to all alumni. The Alumni Council and FEMP are willing to support creative ideas by means of promotion and financial support.

We already see students, who are eager to organize activities within their own group. An excellent example are the current EMC students, who convinced FEMP to support their EMC football team. Following this article, Joseph Lamberti tells about their successful sportive results.

Our plan is to encourage students and alumni to apply for sponsoring by submitting a plan to us. This plan should include an outline of the event, budget and a plan for promotion and measurability. The Alumni Council and FEMP will evaluate the plan and see how they can contribute to the activity.

When you are interested in organizing such activity, feel free to ask us for some help! Those activities may take place anywhere on the globe and they don't necessarily need to be organized in cities like Helsinki, Aachen or Delft. Please take a look on the iidesk map (<https://iidesk.com/femp/map>), which gives you a nice overview of the whereabouts of the alumni. Maybe there are some former students living near yourself. Please contact us at alumni@femp.org



EMC Football Team (by Joseph Lamberti EMC cohort 2016-2018)

In winter darkness with little space for small talk, Finland was the honoured guest of our football début. A friendly match which brought together our most obsessed miners with our innovative better-world colleagues. We decided to go for the Gold. A tradition was born. In the pouring rain during the RWTH faculty tournament we even won our first price. We were ready for the real work: the Monday Evening Competition with the partying and impolite Dutch. Good news! The eleven German and Dutch talents managed to win every match so far and we will do our utmost best to continue winning and become first out of the 16 teams and represent mining among students!



- When the effort you put into a girl yield, it puts perfection on the field -

EIT Raw Materials



Marketing campaign

After being awarded the EIT RawMaterials quality label for the EMC program, FEMP recognized that good recruitment material is required to promote the European Mining Course (EMC), to be able to reach excellent bachelor students in different parts of the world. A good campaign needs various means to communicate the unique aspects of the EMC to the students.

To attract the next generation of mining experts and thereby contribute to the human capital impact of EIT RawMaterials for years to come, FEMP decided to start a marketing campaign utilising video to reach the ambitious technical BSc students that are looking for a master programme.

Promotion video

Because digital content and videos can be disseminated on virtual platforms to many different students all over Europe/the world, EIT RawMaterials approved a request for “fast-track funding” of € 23,000 to develop this EMC recruitment video to be used both by EMC and EIT RawMaterials to reach prospective.

The proposal is to shoot a short two minute video which can be used to support various actions of the marketing campaign .In order to be able to use the video for the recruitment of international students of the 2018 cohort it is planned to have it finished by mid-November 2017, in time for the students to base their decision on it. For the video, the EMC logo will be reworked to fit the modern needs of the video.

The video will be shot by a professional studio, specialized in engineering productions (DOB Studio). Holograms and 2D/3D animation will be used in video shots at a state-of-the-art mine to visualize the skills taught during the programme in a modern fashion – lifting the image of a dirty, conservative industry.

This recruitment video will include shots of the Marches-les-Dames limestone mine and plant in Belgium, owned by Lhoist S.A. The mine has a modern look, uses the latest technology and equipment and takes its responsibility in terms of the nature surrounding the mine, hereby showing the viewers how responsible mining can be done. Other shots of the video include the three involved universities: TU Delft; Aalto and RWTH Aachen.

Video outline

The rough outline of the story is divided in 4 sections. The introduction of the main character, the introduction of the mine, the introduction of the EMC and the call to action.

The storyline of the video, highlights a main character in the video, who is followed in his journey in finding the master degree which suits him best. He is a sportive boy on the crossroads of his studies. He decides to go out for a bikeride and discovers that, for many objects he owns, mining is essential. He is then followed in his imagination taking to the amazing world of mining. The main message conveyed by the video is that in a modern society, mining experts are essential.

It is shown in the video that EMC prepares the next generation of mining experts. After showing the advantages of the EMC, the video returns to the main character that applies for the EMC programme.

In the video there will also be reference to EIT RawMaterials and the EIT-Label, increasing Label visibility to prospective students. The

MISCELLANEOUS INFORMATION

Websites and information

The website for the EMMEP program can be found at www.emmep.org. This site is dedicated to all educational issues of the EMMEP program. The website of FEMP (www.femp.org) gives information about the FEMP organization and the industrial, academic and alumni networks it maintains. Please join the FEMP Facebook page at:

<https://www.facebook.com/groups/1699280916999792/>.

FEMP Database

The FEMP database contains a/o the e-mail addresses of the 780 alumni and students. It is very encouraging to see that only some 60 addresses are missing. Please make sure if you change jobs, or if you graduate to change your e-mail address in case it is still a company or university address.