**GJU-Network “Electrical Engineering and IT“ 26.- 27. October 2017 in Trier**

**MINUTES**

**Participants:**

**(cf. also appendix: List of Participants)**

Prof. Dr. Rainer Oechsle, Prof. Dr. Georg Schneider, Dr. Sahel Alouneh, Dr. Dhiah Abou-Tair, Dr. Raed Mesleh, Prof. Dr. Rainer Herpers (via skype), Prof. Lutz Koehler, Prof. Dr. Viviane Wolf, Sabine Ganter, Tanya Marin-Weigelt, Stefanie Kirsch

The meeting was held at Hochschule Trier.

Prof. Dr. Oechsle, dean of the faculty of Computer Science at Hochschule Trier opened the meeting welcoming the participants and guests form Jordan and from Germany. Prof. Schneider pointed out the collaboration with HS Trier and its valuable contribution to the international mission of the GJU.

**Session I – Faculty presentations**

* Prof. Oechsle presented as dean the faculty of IT at HS Trier which maintains cross links with other faculties establishing majors like medical computer science/e-health or digital media and gaming (Prof. Lürig for game computing Prof. Rezk-Salama for computer graphics and visualization). This could also be fields of interdisciplinary cooperation with GJU schools
* Prof. Stefan Benzschawel, former manager at Agfa Helath Care (now FB Medizinische Informatik, eHealth, Technische Informatik) could bring Dr. Raed in touch with healthcare IT systems
* Both BA and MA Computer Science include one semester (spring term) taught in English
* Prof. Hupe presented studies of Medical Engineering (BA and MA plus in English) as well as Electrical Engineering which invented [ProTRON](https://protron.hochschule-trier.de/index.php?id=24), an energy efficient vehicle that can go 3500km with one liter of gasoline (superbenzin)
* Prof. Herpers gave a wrap-up of his activities as network head, having been to Jordan three times in 2017 and acquiring new members in Magdeburg and Bochum. As the director of Graduate institute of Research at HS Bonn Rhein-Sieg for the past six years he wants to implement more research collaborations with GJU as there have been 40 GJU students at HS Bonn Rhein-Sieg so far

**Presentation from GJU**

* Dr. Dhiah gave a presention on the Faculty of IT and Computer Sciense at SEEIT (school of electrical engineering and IT) at GJU. There are also courses in bioinformatics (Dr. Ahmad Bargash) offered and MA studies in enterprise system engineering (Wirtschaftsinformatik) where students could be exchanged. However matching courses of GJU students has always been a challenge because the curriculum of every semester is not set up early enough. More flexibilty for the German Year is needed („mobility window“). By showing the course program of the studies of computer science it became clear that 70% of the jordanian courses are equivalent to the german courses. However the choice of partner university by the student is no longer done by wish list but by a random generator.
* Dr. Raed presented the GJU studies of Electrical engineering. The main problem for GJU in this major right now is that there is only HS Bremen and Bochum as potential partners to send students. Contact to HS Koeln was asked via Prof. Lutz Koehler (campus Gummersbach) but computer engineering was closed there due to the fact that there is communication engineering in Koeln now where students go for studying.
* As Computer science and Electrical engineering are two seperate departments at German universities, GJU needs new partners in Electrical engineering (EE): Furtwangen, Fulda, Trier, Deggendorf, St. Augustin and Magdeburg.

**Session II – Mobility**

**Student exchange with GJU**

* The rule that GJU students can take 50% of courses in Germany in English should maintain
* Nevertheless German language competence of GJU students must be improved, especially technical terms/vocabulary, classes taught in German (Fachsprache-Kurse) and contact to German students on GJU campus must be increased
* GJU students themselves say B1 is not enough to follow lectures in Germany
* **Suggestion: Fachsprache Handbuch (English – German – Arabic) Dictionary as publication by GJU (DAAD funded?). See translation software Trados by SDL** [**www.sdltrados.com**](http://www.sdltrados.com)
* GJU students attending MA courses (electives are ok) must be announced at an early stage
* Pro. Lutz Koehler will give GJU presentation for his first semester students to attract them
* Mobility options funded by DAAD, EU: DAAD-Partnerlaender Mobility (KA107) Prof. Herpers agreed on writing the proposal having GJU and participating partner universities on board; Capacity Building: Consortium proposal with three partners from EU and one from Middle East (deadline 18. February 2018)

**Staff exchange - Flying Faculty**

* Flying Faculty for two weeks should be offered as intensive course (Kompaktkurs).
* NH Prof. Herpers prefers four weeks alternatively two weeks plus two weeks video teaching
* FF professor could also bring some German students along (mixed classes) and grades/credit points should be given by FF professor
* Prof. Lutz Koehler considers combining FF with a music lecture (ComputerInformatik with real instruments) bringing together German with GJU students in an unique project
* New FF coming soon: Prof. Eckhard Baum from HS Fulda
* Question for IO: Can FF professor come with the family? Who pays for it?

**Session III – Dual Studies**

* Anja Carton presentation on Dual studies at HS Trier (see PPP attached), Best-practise [DHBW](http://www.dhbw.de/startseite.html)
* Dr. Sahel presentation on planned Dual study program at GJU (PPP), problems are that the curriculum can not be extended to 6 -7 semester like in Germany due to mandatory courses e.g. National education, Military courses, language (German and English) class for students. Partner companies have to be convinced of paying towards GJU and to the students a small salary. Accreditation by Jordan MoE issues stringent conditions which also takes some time.
* Open discussion: In order to avoid late transcripts (later than 6 months) because GJU are graduating right after the German Year a procedure has been suggested that students get a stamped and signed transcript of records from their German partner university before they go back, hand it in at International office of GJU and give a copy to their Exchange coordinator at the department (school) of GJU. The industry report from the student‘s internship must also be signed (with remarks) by the supervising professor or the IO of the German partner university and sent to the Exchange coordinator in order to have a record of the student after the internship.

**Session IV – next meeting and further activities**

**Next network meeting – Rainer Herpers**

* Suggested date **25./26.10.2018** (tbc) alternatively end of September 2018. Next host Prof. Schulze at HS Zittau/Goerlitz or preferably a city more central like Frankfurt, Koeln or St. Augustin
* Schedule modified: Two parallel Workshop sessions for Electrical Engineering and for IT
* Adressing and inviting more member e.g. HS Schweinfurt, HS Siegen, HS Furtwangen

**Future planning**

* Translation handbook „Fachsprache“ (English – German – Arabic) Dictionary
* E-brochure of every partner university: contact person at IO, contact person in Magdeburg (POM)
* Alumni platform for IT students via xing or LinkedIn
* Erasmus Plus applications: International Credit Mobility, Erasmus Plus Drittlaender, Erasmus Learning Mobility for Individuals (staff & students) 🡺 Dr. Dhiah sends out information and gives proposal advisory to the network members as most of them were interested to jointly apply

**Session V**

* Campus tour including visits of assembly line, laboratories of faculty of physics and mechanical engineering gaining helpful insights
* Company visit at [Meetingmasters GmbH Trier](http://www.meetingmasters.de/) offered possibility to take up to 5 GJU IT students for internships as many of their graduates are IT students from HS Trier as well

List of Participants

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