EKC 2016 Europe-Korea Conference on Science and Technology 2016

http://www.idream4all.org

I-Dream

Inclusive Development Research Association for Mankind

EKC 2016

Inclusive Development

Session Programme

Dates: 27 – 30 July 2016

Place: Estrel Congress &Messe Center, Berlin, Germany

재독한국과학기술자협회
Verein Koreanischer Naturwissenschaftler und Ingenieure in der BRD e.V.

KOFST 한국과학기술단체총연합회

KOSEAUK 재영한인과학기술자협회

ASCoF

KOSEAA Korean Scientists and Engineers Association in Austria

KOSES 핀란드 한인과학기술인 협회

KSSEA 스칸디나비아 한인과학기술협회 Korean-Scandinavian Scientists and Engineers Association

KOSEANL 재화란한인과학기술자협회 Korean Scientists and Engineers Association in the Netherlands

KSEAS 재스위스한인과학기술자협회

KOSEAbe 벨기에 한인과학기술자 협회 The Korean Scientists & Engineers Association in Belgium

Ministry of Science, ICT and Future Planning

Inclusive Developmentin EKC2016

In the current neo-capitalism era, the gap between the rich region and the poorer ones is getting bigger. Such unbalanced wealth distribution increases the regional tensions, from which several regions become politically and economically unstable and are triggering local conflicts or regional war. The resulting impacts would include (1) increased fears of terrorism, (2) illegal immigrations, and (3) the hike of the security expenses in the rest of the world.

The Inclusive Development aims at reducing the gap between the low and high income communities, e.g. developing vs. developed countries, the rich and the poor within an individual region. It shall provide low-income communities with access to capacity development and sustainable environment as well as health and welfare benefits.

This year, the Inclusive Development group organises 3 sessions and aims at providing general introduction of the Inclusive Development to a large public including the Appropriate Technology Camp participants and at organising forums for habitation improvement and science and technology education for the developing communities in need.

1) Introduction to the Inclusive Development and Appropriate Technology
2) Improvement of the habitation environment
3) How to support the science education in Africa?

Programme agenda

I-D Sessions 1, 2, 3 : EKC 2016 Inclusive Development Sessions
Science School - AppropriateTechnology Camp Activities

	7 월 27 일 (수)	7 월 28 일 (목)	7 월 29 일 (금)	7 월 30 일 (토)
0900 - 1040		**Lecture 1** African Field Problems	**Lecture 3** How to present	**I-D Sessions 3** 동반성장세션 3
1100 - 1240		**Group Activity 1** Problem Identification	**Group Activity 3** PPT preparation (제출마감 12:40)	**I-DREAM 2016 년총회**
1240 - 1400	**Camp Registration** (1300 ~)	Lunch 점심식사	Lunch 점심식사	
1400 - 1700	**I-D Sessions 1 & 2** 동반성장세션 1 & 2	**Lecture 2**Design Process Overview	**Group Presentation** **Lecture 4** 과학기술과나눔정신	
1700 - 1800	EKC 2016 개회식및저녁만찬	**Group Activity 2** Concept Design and Poster Presentation for Concept Design	**캠프수료식**	
1800 - 2100		**캠프저녁식사및멘토링**	EKC 2016 저녁만찬 **캠프시상식**	
2100 -	**Camp Orientation**	강사및튜터모임		

Session and Camp Planning

Wednesday, 27th July 2016

13:00 ~ 14:00	EKC 2016 Science School Appropriate Technology Camp Registration
14:00 ~ 15:00	**I-D Session 1 - Introduction to the Inclusive Development and Appropriate Technology** chaired by Dr. Yongwon LEE, Lloyd Register UK
15:00 ~ 17:00	**I-D Session 2 - Improvement of the habitation environment** chaired by Mr. Seung-Ho LEE, ZI:UM France
17:00 ~ 21:00	**EKC2016 Opening Ceremony & Welcome Banquet**
21:00 ~ 22:00	Appropriate Technology Camp Orientation

Thursday, 28th July 2016

09:00 ~ 12:40	**AT Camp Lecture 1 + Group Activity 1**
12:40 ~ 14:00	Networking Lunch + Poster session
14:00 ~ 18:00	**AT Camp Lecture 2 + Group Activity 2**
18:00 ~ 21:00	Camp Mentoring Dinner
21:00 ~ 22:00	Camp speakers and tutors meeting

Friday, 29th July 2016

09:00 ~ 12:40	**AT Camp Lecture 3 + Group Activity 3**
12:40 ~ 14:00	Networking Lunch + Poster session
14:00 ~ 16:00	**AT Camp Group Presentation**[(1)]
16:00 ~ 17:00	**AT Camp Lecture 4 – Technology and Sharing**
17:00 ~ 18:00	AT Camp Closing Ceremony
18:00 ~ 21:00	EKC 2016 Closing Ceremony & Banquet &AT Camp Diploma Awards

Saturday, 30th July 2016

09:00 ~ 10:40	**I-D Session 3 - How to support the science education in Africa?** chaired by Dr. Dowon KIM, I-DREAM UK
11:00 ~ 13:00	**I-DREAM Annual General Assembly 2016**

[(1)] The Juries of the AT Camp Group Presentation will be announced later

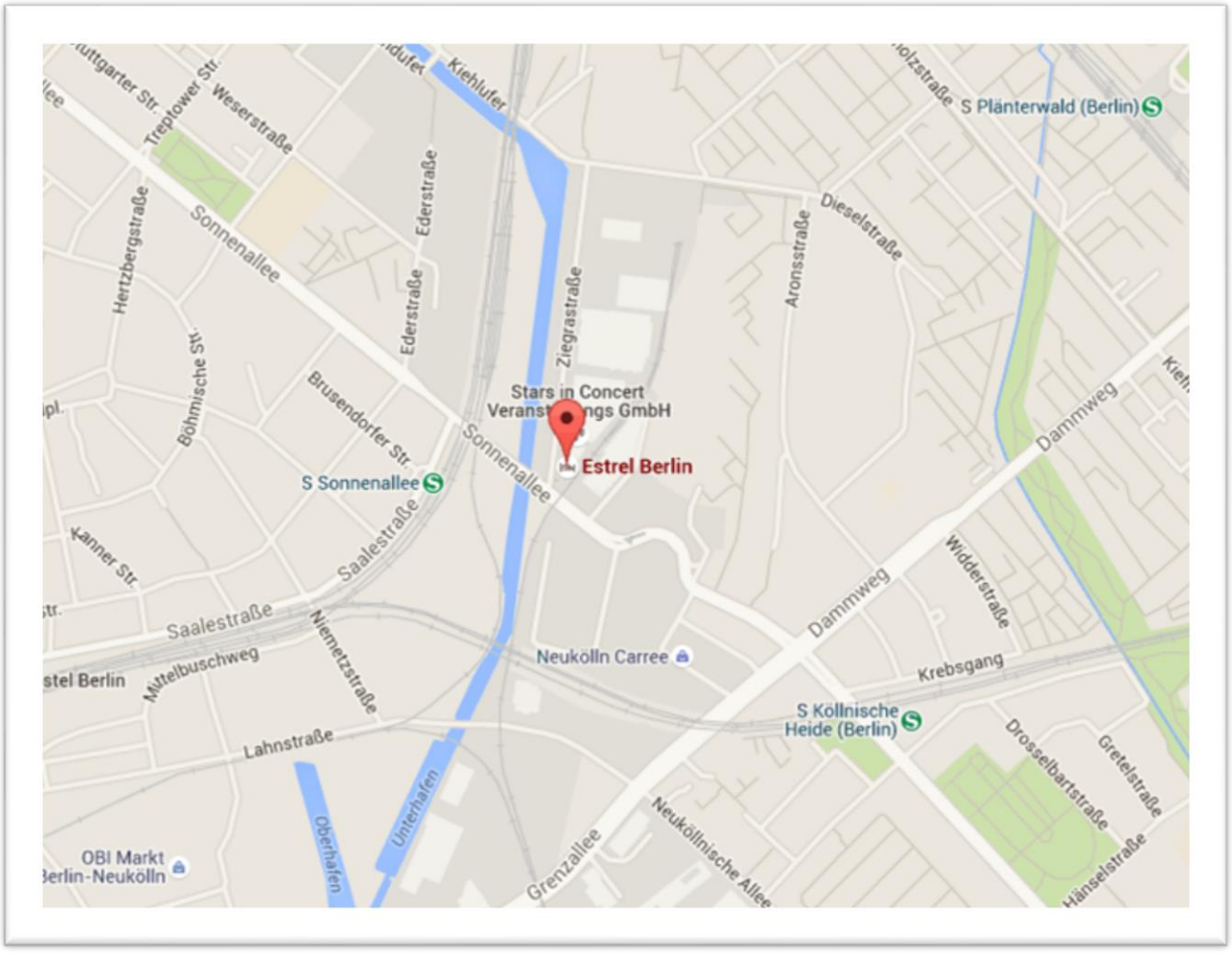
EKC 2016– Science, Technology and Humanity: Gateway to the Future

Europe-Korea Conference on Science and Technology (EKC) is to bring together Korean scientists and engineers working in Europe and in Korea and European scientists and engineers interested in collaborating with Korean nationals. Particular emphasis is given to develop friendship and to exchange useful knowledge and bright ideas for the promotion of science and technology in service of the human being and the society.

EKC 2016, the 9th EKC, will be held in Berlin in Germany from 27th to 30th July 2016. It will be hosted by the Korean Scientists and Engineers Association in Germany (VeKNI) together with the Korean Federation of Science and Technology Societies (KOFST) and the other eight Korean Scientists and Engineers Associations in Europe which are in the UK (KOSEAUK), France (ASCoF), Austria (KOSEAA), Finland (KOSES), Scandinavia (KSSEA), the Netherland (KOSEANL), Switzerland (KSEAS) and Belgium (KOSEAbe). Since its first successful start in 2008 in Heidelberg, Germany, EKC has been held annually in different European countries and has become the most important scientific and social event, bringing scientists and engineers from Europe and Korea together.

Directions to the Conference venue :

Estrel Congress &MesseCenter
Sonnenallee 225, 12057 Berlin, Germany
Website: www.estrel.com
Nearest metrostation : S Sonnenallee (S-Bahn S41, S42)
For details of the EKC2016, Please consult its web-site - http://www.ekc2016.org



Detailed Session Presentation

Session 1 – Introduction to the Inclusive Development and Appropriate Technology

	27 July 2016 Wednesday
14:00	ID Session 1 Opening & Welcome Speech
14:05	Presentation 1 : **Goals for Appropriate Technology**, *Mr. PARK, Geunsun, I-DREAM Chad*
14:25	Presentation 2 : **Decision support for design and optimal operation of small household biogas digesters**, *Prof. Jin-Mi TRIOLO, University of Southern Denmark, Denmark*
14:45	Q&A + Discussion
14:50	Session 1 Closing& Coffee Break

Session 2 –Improvement of the habitation environment

	27 July 2016 Wednesday
15:00	ID Session 2Opening
15:05	Presentation 1 : **Chad Housing Problem**, *Mr. Jaesu JEON, Honored Consulate of Korea, Chad*
15:35	Presentation 2 : **N'Djamena Training Centre**, *Ms. Insun LEE, ZED Factory UK*
15:55	Presentation 3 : **Reflection of building materials and construction methods in developing countries,** *Mr. Seung-Ho LEE, ZI:UM France*
16:15	Presentation 4 :**Appropriate approach for the built environment in Africa - Concept derived from vernacular traditions and current practices,** *Ms. So Young HYUN, Ove Arup, UK*
16:35	Q&A + Discussion
16:50	Session 2 Closing& Coffee Break

Session 3 –Science education support in Africa

	30 July 2016 Saturday
08:45	ID Session 3 Opening
08:50	Presentation 1 : **Science education in Africa**,*Dr. Eunjung KIM, CNRS, Université Paris-Dauphine, France*
09:10	Presentation 2 : **Science Education Situation in Chad,** *Mr. Eric GUEDENG LEDJEBGUE, I-DREAM Chad*
09:30	Q&A + Discussion
10:40	Session 3 Closing& Coffee Break

Detailed Camp Lectures

Lecture 1 African Field Problems
Dr. Dowon KIM, I-DREAM UK, UK
Mr. Eric GUEDENG LEDJEBGUE, I-DREAM Chad, Chad

Lecture 2 Design Process Overview
Dr. Youngok CHOI, I-DREAM UK, Brunel University

Lecture 3 How to present?
Dr.Hyungsil CHO, I-DREAM Netherlands, Microsoft, The Netherlands

Lecture 4 Science and Technology and Vision of Sharing
Dr. Kevin Kyeong-il CHOI, I-DREAM France, France