
Creative Engineering Design Competition

Room A (Session1)

No. Dec. 17, 9:00-10:00 (Tokyo & Seoul Time) / 8:00-9:00(Beijing Time)
Chair: Yi Zhu(JSU)

A-1 Facility Information Application for the disabled CuBNU

Jaehong Nam, Chan Lee, Kyungho Choi, Beomsun Hong

A-2 HOLO SHODO ~Calligraphy Learning AR System ~ YU

Yukiko Kawasumi, Shunsuke Morikawa, Tomohiro Hayata

A-3 A Smart Car For Grabbing And Transporting Nucleic Acid Test Tubes JSU

Yiming Peng, Le Xu, Xiaobo REN

A-4 IOT Clean & Safe Drip Box cover KSNU

Tae Hoon Park, Ju Won Lee

A-5 SecretaryService CuBNU

Eunsung Hong, Kanghun Jung, Jimin Ha

Creative Engineering Design Competition

Room A (Session2)

No. Dec. 17, 10:10-11:10 (Tokyo & Seoul Time) / 9:10-10:10(Beijing Time)
Chair: Kangjoo Kim(KNU)

A-6 Study on Friction and Wear Behavior of Rolling Bearing with the SUCT
Additive of less layer graphite sheet

Liu Xuantong, Chai Zihan, Zhou Zhe, Zhang Chong, Wang Heming

A-7 Remote Exploration Robot/ Expanded use of Exploration Robot IJU

JEON DaeHo, LEE JeongWoon

A-8 Handles advertising device with built-in height adjustment function KSNU

Jimin Yang, Chansik Mo, Jisun Suk, Yeeun Kwon, Dooeul An, Jinha Park

A-9 Catch Jobs CuBNU

Jun Hyun Sim, Bin Won Song, Gwang Ho Na, Jong Min Won

A-10 Attractor ~ An Attractive Spot Suggester ~ YU

Yuki Hasegawa, Kazuki Kajihara, Atsuya Hirakata, Wataru Mitarai

Creative Engineering Design Competition

Room A (Session3)

No. Dec. 17, 11:20-12:20 (Tokyo & Seoul Time) / 10:20-11:20(Beijing Time)
Chair: Hansong Chan(JSU)

A-11 Vibration control of carbon fiber reinforced epoxy resin composite SUCT
laminates

Wang Kai, Zhang Da, Huan Yiting, Wang Hong

A-12 Helpiosk KSNU

Jung hwisung, Kim juha

A-13 QNA (Question Notification Answer) CuBNU

Ji Min Kim, Su Min Kim, Yun Min Jeong, Woo Hyeak Jin

A-14 Intelligent Grain Detection —Storage grain quality multi-index JSU

integrated intelligent detector

Kexin Zhang, Haoquan Li

A-15 Shoe-cabinet of storage and drying to automatic IJU

Ko Kwanghyun, Kim Donghyun

Creative Engineering Design Competition

Room A (Session4)

No. Dec. 17, 14:00-15:00 (Tokyo & Seoul Time) / 13:00-14:00(Beijing Time)
Chair: Hansong Chan(JSU)

A-16 Web-site for special animal carers CuBNU

Choi Youjin, Choi Jimin, Kim Gahyun, Kim Sunyu

A-17 Compound Spiral High Efficiency Static Mixer SUCT

Li xingyu, Ye hanyu, Tian he, Yang chengjie, Chen ganfa, Li yufei, Chen
tuo, Yang boyu, Liu kaiwen

A-18 Healthcare Machine IJU

Jeon ji-hun, Kim hae-seon, Kim hui-chan, Choe jeong-hwan, Lee seung-
hui

A-19 PADYMO ~Paddy Monitoring by Satellite~ YU

Mone Nrshimura, Kazuto Kato, Li SIRU

A-20 Electromagnetic Wiping Device AHU

Yiquan Liu, Teng Jin, Tianhong Pan

Creative Engineering Design Competition

Room A (Session5)

No. Dec. 17, 15:10-15:50 (Tokyo & Seoul Time) / 14:10-14:50(Beijing Time)
Chair: Shenglin Mu (Ehime University)

A-21 Transtroller IJU

Jonghun Lee, Seungjun Cha, Youngjin Yoon, Seyoung Park

A-22 School recycling mileage payer KSNU

Minsung Kwon, Seungwon Jung, Yejin Kim, Dajung Kim

A-23 A new type of indoor convenient clothes drying and sterilizing machine SUCT

Li Yaxia, Yu Sanchuan, Lu Pengcheng, Liu Yuxuan

Creative Engineering Design Competition

Room B (Session1)

Dec. 17, 9:00-10:00 (Tokyo & Seoul Time) / 8:00-9:00(Beijing Time)

No.

Chair: Beomkeun Kim(IJU)

B-1 Intelligent early warning of major risks in hazardous chemical tank farms SUCT

Zhang Jinming, Zhang Xiaojie, Qi Shuaiwu, Sun Longfei

B-2 Conceptual design of Bio-Fouling removal system KSNU

Jaehyeon Ahn, Minsung Kim, Juyeol Park, Hongki Yoo, Kunwoo Choi

B-3 CampusTaurant CuBNU

Seung Min Lee, Ji Hyeong Lee, Jong Hoon Jeon

B-4 Antibacterial paper production using Sargassum horneri IJU

Seung gu Kang, Jun hyeok Park, Ga Bhin Kwon, Yu na Kim

B-5 Asynchronous in-situ multispectral imaging detection technology and device for homochromatic foreign matter in fried rice JSU

Peipei Gao, Wenjian Gao, Yuqing Wu

Creative Engineering Design Competition

Room B (Session2)

Dec. 17, 10:10-11:10 (Tokyo & Seoul Time) / 9:10-10:10(Beijing Time)

No.

Chair: Lian Zhou(JSU)

B-6 Luminous vase for fresh vegetables supply ~For those of you who haven't
decided on a Christmas gift yet!!~

Kamitani Ryosuke, Gikyu Keita, Shinohara Yuki, Saito Ren

B-7 Management Development schedule based on Agile method CuBNU

Joonheui Kim, jiwon kang, Beomsu seo

B-8 Study on mechanical properties of graphene reinforced carbon fiber
composite laminates SUCT

Li Guangxuan, Ma Yongzhen, Liu Jiaqi, Chen Qitong

B-9 NFT development to promote reading in university IJU

Siwon Park, Gayun Kim

B-10 Proposal for 'one minute' O2O public trash can and app design to improve
street environment in Seoul KSNU

Shina Park, Sowon Park, Yeonbin Oh, Jieon Ha, Seongyeong Noh, Jingi

Cheon

Creative Engineering Design Competition

Room B (Session3)

Dec. 17, 11:20-12:20 (Tokyo & Seoul Time) / 10:20-11:20(Beijing Time)

No.

Chair: Bongjae Kim(CuBNU)

B-11 Be Honest (AI Online Exam Cheating Program) CuBNU

Kyu Seong Han, Seung Min Lee

B-12 Road Marking Robot IJU

Baehyeok Kang, Seungwan Kim, Jongmun Kim, Taejun Lee

B-13 The effect of blade width on the mixing performance of triple screw static mixer SUCT

Yang Pengda, Sun Ming, Zhang Qingguan, Li Zhenhui, Zhao Shuo, Liu

Xinqi, Zhang Chunmei

B-14 Medical Mouse for finger rehabilitation YU

Ryuutarou Kawamura, Masato Ueda, Koki Hayakawa

B-15 DWRS(Dormitory Washing machine Reservation System) CuBNU

Tae hyun Kim, Hyun ji Yu, Kyeong min Yea

Creative Engineering Design Competition

Room B (Session4)

Dec. 17, 14:00-15:00 (Tokyo & Seoul Time) / 13:00-14:00(Beijing Time)

No.

Chair: Liang Xuan(JSU)

B-16 Development of rapid and intelligent detection equipment and cloud-
based model resource bank for pesticide residues in food

Zihan Zheng, Yuqian Hu

B-17 BAJA(SELF-MADE CAR) KSNU

Jonghun Lee, Seungjun Cha, Youngjin Yoon, Seyoung Park

B-18 WWM (World Wide Movie) CuBNU

Nayoung Kim, Dowon Seo, Youngjin Lee, Hyerim Pung

B-19 Design of a new multi-functional integrated rehabilitation bed SUCT

Guo Junhui, Yao Qitong, Hu Yuqiang, Xu Shuo, Xu Tianxiang

B-20 Digital model creation and virtual reality verification experiment using KSNU

300mm wafer mass production equipment

Wanjae Jo, Hyewon kim

Creative Engineering Design Competition

Room B (Session5)

Dec. 19, 15:10-15:50 (Tokyo & Seoul Time) / 14:10-14:50(Beijing Time)

No.

Chair: Beomkeun Kim(IJU)

B-21 Workable CuBNU

Kim Beom Gyu, Yang Ga Yeon, Jo Gyeong Seo, Ma Guo Hao, Song Ju Han

B-22 my training [mytra]~Exercise Suggestion Apps for Frail Prevention~ YU

Takeru Uyama, Keigo Murakami, Phillip Chakanyuka, Katuma

Fujimoto

B-23 Development of Smart Farm Management Platform Using Cloud IJU

Seong-hoon Park, Sang-won Moon, Young-gun Park, Byeong-seok Seong,

Jin-seo Choi
