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The Association of Korean Agricultural, Biological & Food Engineers



Engineers for Sustainable
Agriculture and Food Systems

December 21st, 2017

MESSAGE FROM THE PRESIDENT

Dr. Christopher Yeonsik Choi



May the year 2017 bring us days as productive as those of this past year! So that we may see our path forward, I want to take this time to revisit our activities and efforts of the past year.

In 2016, during the annual ASABE International Meeting in Orlando, Florida, we successfully held our fifth AKABFE meeting and the second AKABFE Symposium, the theme of which was "Technical Trends and Career Opportunities in the U.S. and Korea." Thankfully, in response to suggestions offered by the participating members, and in an effort to accommodate everyone's busy schedules during the conference, we adjusted the Symposium schedule. This led to a more

productive discussion and many good new ideas about how to promote the latest technological advances and make sure that our younger members knew about job offerings and positions available at academic institutions in the US and Korea.

We also benefitted greatly from the talks given by our invited speakers, Dr. Paul Funk and Professor Won Suk Lee, who shared their recent experiences regarding their Korea-US bi-national research efforts. Professor Chang Hyun Choi, our special guest speaker and the KSAM President, also enlightened us with his in-depth overview of the recent progress made by those working to advance agricultural machinery industries in Korea. And we are also grateful to Professor Stephen Searcy, the current ASABE President-elect, for his welcoming remarks. Much credit, too, should go to the speakers, the organizing committee members, and the student volunteers, all of whom made the event once again successful. As we establish our organizational presence within the ASABE, the AKABFE leadership team believes that we can offer an additional opportunity to the next generation. Accordingly, we have been engaged in establishing a student presentation competition, which will be supported by our fundraising efforts. We intend to initiate this new program during the Third AKABFE Symposium, which will take place at the 2017 Annual International Meeting in Spokane, Washington.

In 2017, let us all continue to seek opportunities to collaborate with academic institutions, companies, and professional organizations. I hope to see you all at our next AKABFE Symposium and at the 6th Annual AKBAFE Meeting in July. Best wishes for a Happy New Year!

5TH ANNUAL MEETING HELD IN ORLANDO, FLORIDA

The annual meeting of the Association of Korean Agriculture, Biological and Food Engineers (AKABFE) was held on Tuesday, July 19, 2016, during the ASABE Annual International Meeting in Orlando Disney Springs Resort, Florida. 40 participants including 24 new members attended the official meeting in Cancun hall for an hour. The total number of the AKABFE's members reached 150 after the meeting. Dr. Christopher Yeonsik Choi, President, encouraged active communication among members in U.S. and Korea. In this meeting, Dr. Chang Hyun Choi, the president of Korean Society of Agricultural Machinery (KSAM), participated and promised the continuous support for the AKABFE (picture, left). An associated dinner followed at a nearby local restaurant (Golden Corral, picture, center and right).



AKABFE is looking for creative members to submit designs of logo and slogan.
Please contact: akabfe@gmail.com

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SUCCESSFUL SPECIAL SESSION HOSTED BY AKABFE

A session 'Technical Trends and Career Opportunities in the U.S. and Korea -Invited Speakers' was offered during the 2016 ASABE annual international meeting. The invited speakers were Dr. Christopher Yeonsik Choi, Dr. Won Suk Lee, Dr. Chang Hyun Choi, and Dr. Paul Funk. The invited speakers shared their perspectives about past and future of the AKABFE, the recent progress of agricultural machinery in Korea, and their experiences related to international research collaboration. The session received positive feedback from many audiences.

AKABFE MEMBERS' NEWS

Dr. Jin-Hee Han (amphibole96@gmail.com) has recently moved to Merck (Kenilworth, NJ) as Senior Scientist.

Dr. Tu San Park (tusan.park@gmail.com) has started working as Assistant Professor (tenure track) of Bio-industrial Machinery Engineering at Kyungpook National University.

2017 ASABE AIM in Washington

Date: Jul 16-19, 2017

Location: Spokane, Washington, USA

During the 2017 ASABE Annual International Meeting, the AKABFE will have the 6th annual meeting, an associated dinner gathering, and a special technical session.

Abstract deadline: December 31st, 2016

See full meeting details here:

<http://www.asabemeetings.org/>



대한민국 국제농기계자재 박람회 (KIEMSTA 2016)

대한민국 국제농기계자재 박람회(KIEMSTA 2016)가 천안 삼거리공원에서 11 월 2 일부터 11 월 5 일까지 개최되었다. 농림축산식품부가 주최하고 한국농기계공업협동조합(이사장 김선길), 천안시청(시장 구본영), 농민신문사가 주관하는 이번 박람회는 전 세계 30 여국 450 개 업체가 참가하였으며, 한국농업기계학회 최창현 학회장을 비롯 국내의 연구자들뿐만 아니라 국내 9 개 대학의 농업기계 관련학과의 대학생들이 350 명 이상 참가하였다. 특히 이번 행사의 후원기관 중 하나인 (사)한국농업기계학회에서는 개막식이 끝난 후 천안박물관에서 인도, 중국, 인도네시아의 농기계전문가를 초청하여 국제심포지엄을 개최하였다. KIEMSTA2016 (11.2 ~ 5) 기간 동안 농기계 전시장, 트랙터 시뮬레이터 체험관, 첨단 농업관 등 다양한 체험행사뿐만 아니라 첨단 ICT·스마트 팜·발농사·과수·축산기계·논농사 등 국내의 최첨단 농기계 전시 및 개발동향 등을 볼 수 있었다.



KIEMSTA2016 국제심포지엄 개최

2016 년 11 월 2 일부터 시작된 제 13 회 대한민국 국제 농기계·자재 박람회(KIEMSTA2016)의 부대행사로 “해외시장 확대를 위한 농업 기계 국제화 전략”이라는 주제를 가지고 천안박물관에서 국제 심포지엄이 개최되었다. 이날 심포지엄에는 한국 농기계공업 협동조합의 최낙우 이사, 인도 농업기계학회 지부장 Manjeet Singh 교수, 중국농업기계학회 회장인 Xlwen Luo 교수, 인도네시아 농업기계학회 회장 Lillk Sutlarso 교수가 참석하여 각 나라의 농기계 시장과 현황에 대하여 특강을 하였다.

2016 추계공동학술대회 개최

한국농업기계학회와 한국정밀농업학회가 공동으로 개최하는 2016 년 추계공동학술대회는 2016 년 11 월 2-3 일 천안 상록리조트 컨벤션센터에서 개최되었다. 13 일 오전에는 “농기계 부품공용화 방안 (순천대 김혁주 교수)”과 “무인항공기의 농업활용방안과 드론의 농업에의 이용(성우 엔지니어링 김만년 본부장)”이라는 주제로 특강이 진행되었다. 이번 학술대회에는 총 175 편의 연구성과가 구두와 포스터로 발표되었으며, 우수한 발표자에게는 우수발표상을 시상하였다.이틀간 개최된 공동학술대회에는 270 여명의 회원들이 참석하였다.



KSAM & ISAE MOU 체결

한국농업기계학회의 최창현 학회장과 정선옥 국제협력분과장은 2016 년 8 월 9 일~11 일 동안 인도네시아에서 개최되는 ISABE2016 (2nd international Symposium on Agricultural and Biosystems Engineering) 에 참석하였다. 최창현 학회장은 ISABE2016 의 Keynote Speaker 로 한국의 기계 농업에 대하여 발표하였으며, 이날 KSAM (Korean Society for Agricultural Machinery)과 ISAE (Indonesian Society of Agricultural Engineering)와의 MOU 체결을 이루었다.

