



Association of Overseas Chinese Agricultural,
Biological, and Food Engineers (AOCABFE)

海外华人农业、生物与食品工程师协会

IMPACT

Nov 2011
VOLUME 10
SPECIAL ISSUE

AOC十周年盛典



© 2011 IMPACT OF AOCABFE
<http://www.AOC-web.org> <http://aoc.cau.edu.cn>

IN THIS ISSUE

THANK YOU LETTER FROM AOC PRESIDENT	1
CONGRATULATORY REMARKS IN CEREMONY	2
CONGRATULATORY LETTERS	4
中国农业工程学会	4
中国农业机械化科学研究院	7
农业部规划设计研究院	8
农业部南京农业机械化研究所	9
华东交通大学光机电技术及应用研究所	10
中华人民共和国驻美国大使馆教育处	11
中国科学技术协会海外智力为国服务行动计划	12
DONATIONS FROM CHINA	13
HONORS AND AWARDS	14
ASABE FELLOW INDUCTEES IN PAST 10 YEARS	14
ASABE AWARD WINNERS IN PAST 10 YEARS	15
AOC STUDENT MEMBERS RECEIVING ASABE BOYD-SCOTT GRADUATE RESEARCH AWARD ..	16
2011 AOC STUDENT AWARD	17
2011 AOC FACULTY AWARDS	19
INTERNATIONAL FORUM ON CHINA EXCHANGE	20
PEOPLE BEHIND THE SCENE	22
PHOTO COLLECTION OF CHINA EXCHANGE FORUM AND AWARD BANQUET	24

<p>IMPACT is an electronic newsletter of AOCABFE and is published quarterly to inform members within the association (or, other subscribers applied). We invite you to submit comments, story ideas or news to our editors.</p>	<p>Editor: Yufeng Ge (ge_yf@hotmail.com)</p> <p>Associate Editor: Yeyin Shi (yeyin.shi@okstate.edu)</p>
--	---

Thank You Letter from AOC President

Dear AOC members and friends,

We would like to take this opportunity to thank you for your continued support. On August 8th we celebrated the 10th Anniversary of AOC at Galt House Hotel on the bank of the Ohio River in Louisville, Kentucky.

A total of 163 people attended the ceremony. Invited guests from sister organizations, including CIGR, ASABE, CSAM, CSAE, EurAgEng, CSBE/SCGAB, CAAMS, SBEA, universities, including China Agricultural University, South China Agricultural University, and Nanjing Forest University and research institutes such as Chinese Academy of Agricultural Engineering, shared their remarks and best wishes for further enhancing cooperation and exchanges. We also received congratulatory letters and faxes from governmental agencies.

During the ceremony, we shared with the guests achievements of AOC members over the last ten years as well as perspective for the future of AOC. We also recognized continued support from our contributors. Donors were presented plaques in acknowledging their contributions and support to AOC activities and foundation.

The most exciting moment is to present awards to those who have made a great achievement. Congratulations go to those who have received Graduate Leadership & Service Award, Graduate Scholarly Achievement Award, and Student Paper Awards. We also presented AOCABFE Distinguished Service Award, Early Career Award and Distinguished Career Award. Congratulations for your great achievements and dedication to AOC. We also appreciate their outstanding service by those Board members who have successfully completed their service term.

At the end we presented a founding member plaque to Dr. Naqian Zhang in recognizing his contribution in establishing the AOC and his dedication to the AOC by continuing to serve on the AOC Board and as the Student Advisor.

At last, we would express our deepest appreciation to the 10th Anniversary Ceremony Preparatory Committee, Dr. Naqian Zhang for his coordination of the 10th Anniversary activities and Dr. Ning Wang for organizing the International Forum.

Wish you all greater successes. Looking forward to seeing continued growth of AOC.



Yubin Lan, President

Zhuping Sheng, Vice President

Congratulatory Remarks in Ceremony



Dr. Zhuping Sheng, Vice President of AOC chaired the 10th Anniversary Ceremony.



Professor Maohua Wang, Academician of Chinese Academy of Engineering shared his view about AOC.



Dr. Yubin Lan, President of AOC, gave his welcome address speech at the 10th Anniversary Ceremony.



Professor Xiwen Luo, Academician of Chinese Academy of Engineering offered the best wishes to AOC.



Ronald McAlister, President, ASABE, gave a congratulatory speech.



Dr. Fedro Zazueta, President, CIGR gave a congratulatory speech and perspective on agricultural engineering.



Professor Ming Zhu, President, CSAE gave his speech and wishes for more cooperation.



Professor Daniella Jorge de Moura, President, SBEA, gave her congratulatory speech.



Dr. Shiv Prasher, Past President, CSBE, gave a congratulatory speech.



Professor Pingping Li, Vice President, NFU gave her congratulatory speech.



Peter S. Lammers, President, EurAgEng, gave his congratulatory speech.



Dr. Naiqian Zhang, founding member of AOC gave his closing remarks.

Congratulatory Letters 中国农业工程学会

中国农业工程学会

CSAE祝贺AOC成立十周年的贺信

海外华人农业、生物与食品工程师协会(AOC)并兰玉彬主席:

值此海外华人农业、生物与食品工程师协会成立十周年之际,我谨代表中国农业工程学会近万名会员向您并通过您向贵协会全体会员表示热烈祝贺!

海外华人农业、生物系统与食品工程师协会(AOCABFE)是一个以北美从事科研与高等教育的华人教授和知名专家为主要会员的学术组织。自成立以来,一直致力于加强中国和世界华人农业、生物与食品工程领域的交流与合作,促进中国有关领域的跨越式发展。多年来,协会积极与世界农业工程学会、亚洲农业工程学会、美国农业与生物工程师学会和中国农业工程学会等密切合作,组织多次大型学术活动,取得了令人瞩目的成就,产生了广泛而深远的影响,赢得了中国和世界农业工程同行的钦佩与赞誉。

中国农业工程学会是中国科学技术协会所属的全国一级学会,是国际农业工程学会(CIGR)的国家会员。中国农业工程学会现有24个分支机构,设有学术交流、国际交流、科学普及、咨询及青年科技5个工作委员会;农业机械化与装备工程、农业

水土工程、设施园艺工程、畜牧工程、农村能源工程、农产品加工与贮藏工程、土地利用工程、电气信息与自动化工程、农村建筑与环境工程、农业系统工程、农业遥感、农业工程经济与管理、田间育种试验机械化、农业工程情报信息、山区资源综合利用、特种水产工程、蓖麻经济技术、《农业工程学报》编辑委员会等 19 个专业委员会、分会，拥有近万名会员。全国有 23 个省、自治区、直辖市设立了农业工程学会。

AOC 与 CSAE 在合作办刊中建立起了良好关系和深厚友谊。特别是在合作创办英文刊《国际农业与生物工程学报》(IJABE)过程中，团结和带领大家，共同支持学术性公益事业。中国农业工程学会一直与贵协会保持着密切的联系，在精准农业、农业智能装备、生物能源、遥感信息技术等诸多领域开展了广泛学术交流，还促成了一些国际合作协议的签订。十年来，我们亲如兄弟，相互支持，密切协作，不但在促进中美农业工程教育、学术交流与学科发展方面成绩卓然，也在相互的人员交流和项目合作中建立了深厚的友谊。今后我们将一如既往地贵会紧密合作，携手并肩，共同为推进世界农业与生物工程科技创新和学术繁荣做出更大的贡献！

今后 5 至 10 年，将是中国现代农业大建设时期，也将是中国农业工程科技大发展时期，各种科技要素将向中国聚集。近年来，CSAE 与 AOC 联合办刊、AAAAE 秘书处迁往中国、国际农业工程学会会刊由中国承办、2014 年世界农业工程大会将在中国

召开、多位中国农业工程专家在农业工程国际组织担任要职等等都表明了这样一种趋势。向发达国家学习借鉴先进农业工程科技和向发展中国家传播适用农业工程技术的双重性，决定着中国农业工程的特殊地位和作用，加上中国自身地域的广阔性、生产方式的多样性和社会经济发展的阶段性等特点，中国必将成为国际农业工程学科发展和科技创新最活跃、最丰富、最集中的地区。中国农业工程科技的发展正吸引着世界的目光，国际农业工程的中心正在向中国转移。

AOC 作为海外华人农业与生物工程的学术组织，具有专家学者专业覆盖面广、权威性强、影响力大、国际化程度高、信息渠道畅通等特点。在新的历史时期，AOC 将更加成为中国开展农业工程科技国际交流与合作的重要力量。期待 AOC 与 CSAE 建立更加密切的合作关系，不断拓宽合作领域、提高合作水平、拓展发展空间，实现优势互补、互利共赢、共同发展！



中国农业机械化科学研究院

海外华人农业，生物和食品工程师学会（AOC）
兰玉彬主席：

值此贵学会十周年华诞之际，我谨代表中国农业机械化科学研究院向你并通过你向贵学会致以衷心的祝贺！

时光荏苒，转瞬间海外华人农业,生物和食品工程师学会已走过十年的光辉历程。十年来，贵学会在加强中国与世界华人在农业、生物及食品工程领域的交流和合作，促进先进技术转移，从而在推进中国相关领域科技发展等方面做出了积极的贡献，取得了令人瞩目的成就。

贵学会在国际农业、生物及食品工程界已颇具影响力。目前会员分布在美国、加拿大及欧亚各国。他们中大多就职于世界各国的知名高等院校、研究所、政府部门和公司，在科研、教育和推广应用方面发挥着举足轻重的作用。近年来，贵学会成员经常活跃于国内外农业食品工程领域中，多人获得国际农业领域大奖；多人参与国内外联合科研项目并担任项目领头人；多人被中国政府“千人计划”引进，回国为祖国科学技术贡献力量。上述成就极大提升了海外华人农业，生物和食品工程师学会在世界农业，生物和食品工程领域的地位和国际影响力！

多年来我院一直与贵学会保持着密切的联系，在农业、生物能源等诸领域开展了多项国际科技合作项目。十年来，我们相互支持，密切协作，不但在联合研发中创出佳绩，也在共同的工作中结下了深厚的友谊。

今后我们将一如既往地贵学会紧密协作，进一步携起手来，共同为世界农业,生物和食品工程做出更大的贡献！

李树军

中国农业机械化科学研究院
二〇一一年七月三十日于北京

农业部规划设计研究院

农业部规划设计研究院

CAAE祝贺AOC成立十周年的贺信

海外华人农业、生物与食品工程师协会(AOC)并兰玉彬主席:

值此海内外华人隆重庆祝贵协会成立十周年之际,我谨代表农业部规划设计研究院(中国农业工程研究设计院)向您并通过您向贵协会全体成员表示最衷心的祝贺!热烈祝贺贵协会在历任主席的带领下取得的长足进步和辉煌成就!

海外华人农业、生物系统与食品工程师协会(AOCABFE)自2001年成立以来,会员不断发展壮大,其影响力已经远播世界各地。协会秉承加强中国和世界华人农业、生物与食品工程领域的交流与合作,促进中国有关领域跨越式发展的宗旨,不遗余力地推进中美国际学术交流与科研工作。多年来,协会组织多次大型学术活动,积极参与中国农业工程学术活动,特别在合作主办国际会议、人员交流以及项目合作等方面取得显著成效。近年来,AOC的多位优秀专家被国内高校科研机构聘为长江学者特聘教授、国家“千人计划”引进人才、客座教授、客座研究员、兼职博士生导师等。通过AOC成员的努力,建立起了中美合作的联合实验室或联合研究中心,有效推动了学术交流和项目合作。协会还与世界农业工程协会、美国农业工程学会、加拿大农业工程学会、中国农业工程学会、日本农业工程学会和亚洲农业工程学会建立了正式会际合作关系。十年奋斗,AOC取得了令人瞩目的成就,赢得了中国和世界农业工程同行的尊敬与赞誉。

我院一直与AOC保持着密切的联系与交流。我院作为全国综合性的以“农业工程”命名的科技事业单位,在农业工程科研、技术推广和工程建设等方面做了大量开创性工作,技术水平保持了国内领先地位。特别是在农村能源与农业环境保护工程、设施种养殖工程、农产品加工工程等领域技术与推广,农业规划和农业发展与投资研究,农业资源调查与监测,以及农业工程咨询、农业工程设计与监理等方面形成了特色与优势。我院设有“农业部生物质工程中心”、“中国农村能源研究培训中心”、“农业工程科技成果中试转化基地”、“农业部遥感应用中心”和“农业部农业废弃物综合利用重点实验室”、“农业部温室设施与结构重点实验室”、“农业部农产品加工装备研发中心”等重要研究机构。中国农业工程学会、中国农村能源行业协会也挂靠在我院。我院不断强化“服务政府、科技创新、工程集成”三大功能,重点发展八大学科领域,不断提升农业工程对国家现代农业建设的技术支撑与服务能力。

AOC作为海外华人农业与生物工程的学术组织,具有专家学者专业覆盖面广、权威性强、影响力大、国际化程度高、信息渠道畅通等特点。衷心希望和期待我院与贵协会能够建立更加紧密的合作关系,能够开展更加实质性的合作与交流。相信在我们共同努力下,我院与贵协会的合作与友谊必将结出更加丰硕的成果。

衷心祝愿贵协会在全体成员的努力下,开创新的辉煌!



二〇一一年八月三日



农业部南京农业机械化研究所

Nanjing Research Institute for Agricultural Mechanization

NRIAM 祝贺AOC成立十周年的贺信

海外华人农业、生物与食品工程师协会（AOC）并兰玉彬主席：

值此海外华人农业、生物与食品工程师协会成立十周年之际，我谨代表中国农业部南京农业机械化研究所向AOC各届负责人、理事会成员和全体会员表示诚挚的问候和热烈的祝贺。

AOC成立10年来，在自我发展方面取得了长足进步，在促进中外科技交流方面取得了辉煌成就。AOC是农业、生物与食品工程技术领域具有国际影响力的大型海外华人学术团体，多次组织和参与国内外大型学术活动，促进了中美国际学术交流与科研合作，特别是在促进相关学科创新和先进技术推广运用方面做出了重要贡献，赢得了中外国国际同行的尊敬和赞誉。

我所长期与海外华人在农业工程技术领域开展合作与交流，特别是近二年在农业航空、施药技术等领域的合作成绩突出，2010年联合举办了大型的“现代农业航空施药技术国际学术交流会”、并成立了“中美国施药技术中心”。农业部南京农业机械化研究所作为中国农业科学院所属的国家级农业机械化研究所，以服务农业现代化为目标，集农业机械化技术研究、开发、推广、培训、质检和信息服务为一体，在农业机械化工程领域做了大量开创性工作，技术水平保持了国内领先地位。现已形成耕作、种植与收获机械工程、植保机械工程、农产品加工工程、节水农业与保护性耕作工程、农业资源开发及设施农业工程、宏观信息工程、特色经济作物生产装备工程等主要优势学科，具有较强的科研开发能力与完善的管理体系。

值此2011 AOC十周年庆典，我代表农业部南京农业机械化研究所致向会议的召开表示热烈祝贺，愿我所与AOC的合作交流更加紧密，友谊之树长青，衷心祝愿AOC全体会员团结奋进、众志成城，开创更加美好、灿烂的明天！

易中懿

农业部南京农业机械化研究所

二〇一一年八月七日

致海外华人农业生物工程师学会（AOC）的一封信 华东交通大学光机电技术及应用研究所

尊敬的AOC主席兰玉彬博士，AOC各位同仁：

你们好！

时光匆匆，又是一年。值此**2011 ASABE** 学术年会和**2011 AOC**十周年庆典，AOC会员、中外专家和学生欢聚一堂，进行广泛的交流之际，我谨代表华东交通大学光机电技术及应用研究所向年会表示热烈祝贺并向出席此次年会的AOC会员和中外专家致以亲切的问候和良好的祝愿！

华东交通大学是一所以工为主，经、管、文、理等学科协调发展的多科性大学，学校本科毕业生就业率一直居全省首位。机电工程学院为华东交通大学成立最早的教学系之一，学院现有机械设计制造及其自动化、机械电子工程、材料成型与控制工程、测控技术与仪器、工业工程与物流管理等六个本科专业在全国范围内一本招生。另外，学院还有机械工程、材料科学与工程和仪器科学与技术三个一级硕士点，目前机械工程为江西省高等学校“十二五”重点学科。华东交通大学光机电技术及应用研究所是校级研究所，挂靠在机电学院，致力于农产品品质和质量光电检测技术，产品质量安全监测技术及新农村建设信息化技术等基础理论和应用研究。

AOC协会为中美学术交流与科研合作架起一座桥梁，协会的华人科学家不但在各自的专业学科领域蜚声海外，成果颇丰，而且与我国高校在教育和科研领域的合作与交流方面也成效显著，广受赞誉。

在此，诚恳地邀请中外专家学者有机会来江西南昌华东交通大学技术指导和学术交流，通过千人计划、高端柔性人才引进和国际合作项目等途径，为我校的科学研究、人才培养与国际学术交流贡献你们的智慧和力量，也真诚欢迎海外学子能加盟我们团队。

最后感谢你们对我及团队多年来的关心和帮助！衷心地祝愿你们在海外事事顺利，身体健康，事业蒸蒸日上！

华东交通大学光机电技术及应用研究所 刘燕德

2011年8月8日

联系电话: 0791-7046173 13767101726

Email: jxliuyd@163.com

中华人民共和国驻美国大使馆教育处

EDUCATION OFFICE , EMBASSY OF THE PEOPLE' S REPUBLIC OF CHINA IN THE U.S.A.
3505 INTERNAITONAL PLACE , N.W. , WASHINGTON , DC 20008

海外华人农业生物与食品工程师协会：

欣悉贵会于2011年8月8日在肯塔基州路易斯维尔市(Louisville, Kentucky)举行成立10周年庆祝活动暨2011年中外交流国际论坛，我谨代表中国驻美国大使馆教育处表示热烈的祝贺！

海外华人农业‘生物及食品工程师协会(AOC)成立10年来，在历任主席、理事和全体会员的共同努力下，积极联系和组织北美及欧亚的华人教授、专家、学者、工程师、在读研究生和归国留学人员，致力于加强中国与世界在农业生物和食品工程技术领域的交流合作，特别是在促进相关学科的改革创新和有关领域先进技术的推广运用等方面都作出了重要贡献。

希望贵会继续加强同中国有关高校和科研机构的联系，为进一步推动中美教育、农业、生物与食品等领域的交流合作创造新的辉煌！预祝10周年庆祝活动暨2011年中外交流国际论坛取得圆满成功！

中国驻美国大使馆教育处公使衔参赞

尤少忠

2011年8月3日



海智计划
H O M E

中国科学技术协会海外智力为国服务行动计划

北京市海淀区复兴路 3 号中国科技会堂东馆417 100863

电话: 010-82085083 传真: 010-62075510 Email: hzb@cast.org.cn

海外华人农业、生物和食品工程师协会主席、理事会和全体会员:

值此海外华人农业、生物和食品工程师协会（AOC）欢庆成立10 周年暨2011 年China Exchange 国际论坛召开之际，中国科协海外智力为国服务行动计划办公室谨向AOC 各届负责人、理事会成员和全体会员表示诚挚的问候和热烈的祝贺！

AOC 成立10 年来在自我发展和促进中外科技交流方面成绩斐然，是农业、生物和食品工程技术领域具有国际影响力的大型海外华人学术团体，与中国科协，特别是海智计划有着长期的联系和合作，与中国农业工程学会和中国农业机械工程学会等国内相关学术组织更是有着全面的会际合作关系。作为海外华人专业学术团体，AOC 积极响应智力报国的号召，开展多种形式为国服务活动，为中国的经济建设和社会发展做出了贡献。AOC 和中国农业工程学会等单位联合创办的“国际农业与生物工学报”，为中外科学家提供了一个国际先进水平的英文学术交流平台。AOC 和美国华人农业科学家协会（ACAAS）一起，与西北农林科技大学和杨凌农业高新技术产业示范区共同成立了“杨凌现代农业国际研究院”，为海外学术组织参与国家科技创新做出了积极探索。我们期待AOC 继续关心和参与中国的现代化建设，进一步汇集海内外科技和人才资源，为促进中国农业、生物和食品工程领域的跨越式发展做出新的贡献。

祝AOC 不断发展壮大！祝AOC 各项庆祝活动和China Exchange 国际论坛取得圆满成功！



中国科协海智办
2011 年8 月5 日

Donations from China

Chinese Society of Agricultural Engineering

Chinese Society of Agricultural Mechanization Sciences

Nanjing Research Institute for Agricultural Mechanization, Ministry of Agriculture

China Agricultural University, College of Engineering

China Agricultural University, College of Water Conservation and Civil Engineering

Zhejiang University, College of Biosystems Engineering and Food Science

South China Agricultural University and Batian Fertilizer Company

Shenyang Agricultural University, College of Information and Electronics

Consulate General of China in Houston

Consulate General of China in San Francisco

East Jiaotong University

Jiangsu University, College of Engineering

Honors and Awards

ASABE Fellow Inductees in Past 10 Years



**Hongwei Xin
2008**



**Yanbin Li
2009**



**Yud-Ren Chen
2009**



**Fu-Hung Hsieh
2010**



**Yuanhui Zhang
2011**



**Naiqian Zhang
2011**

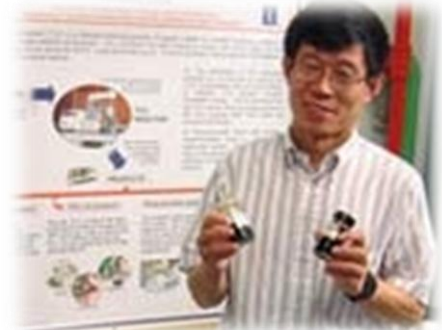
ASABE Award Winners in Past 10 Years



**New Holland Young
Researcher Award, Hongwei
Xin, 2001**



**New Holland Young
Researcher Award,
Ruihong Zhang, 2003**



**Henry Giese Structures &
Environment Award,
Yuanhui Zhang, 2008**

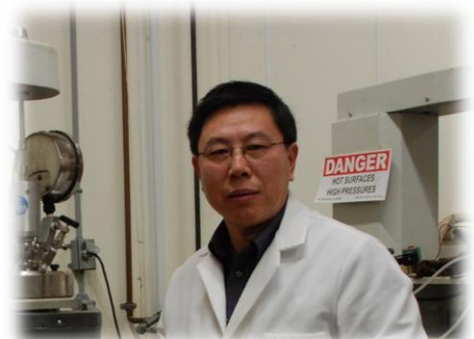


**Kishida International Award,
2008**

**James R. and Karen A. Gilley
Academic Leadership Award,
2011, K.C. Ting 2008**



**Sunkist Young Designer
Award, Y-H. Percival
Zhang 2009**



**Rain Bird Engineering Concept
of the Year Award, Donghai
Wang 2010**

AOC Student Members Receiving ASABE Boyd-Scott Graduate Research Award

The Boyd-Scott Graduate Research Award is to recognize excellence in the conduct and presentation of research to build the knowledge base needed by engineers who design equipment, facilities, and processes for the sustainable operation of a biological system.

Ph.D. Category

1st Place: **Xuan Li**, University of California - Davis

"Three Dimensional Geometric Modeling of Processing-Tomatoes"

Xuan Li's research focuses on the development of novel and sustainable tomato infrared dry-peeling technology. His awarded paper is entitled "Three Dimensional Geometric Modeling of Processing-Tomatoes". He joined Professor Zhongli Pan's food processing laboratory at UC Davis in 2007.

M.S. Category

2nd Place: **Weilin Wang**, University of Georgia

"Shortwave Infrared Hyperspectral Imaging for Detecting Sour Skin (*Burkholderia Cepacia*) Infected Onions"

Weilin Wang, a native of JiangXi, China, is a student member of AOC since 2009. He has been served as board member and vice chair in the Student Activity Committee of AOC for three years. As a graduate student at the University of Georgia, Weilin is applying nondestructive sensing technologies to detect onion diseases at packinghouse. His major research interests are distributed sensing technologies and advanced computational models for the quality and safety inspections of food and agricultural products. For more information of him, please see his personal website <http://wangweilin.net>.



AOC members Xuan Li (second from the right) and Weilin Wang (third from the right) receiving their awards.

3rd Place: **Pengcheng Yu**, University of Georgia

"Quantitative Evaluation of a Blueberry Mechanical Harvester Using a Miniature Instrumented Sphere"

2011 AOC Student Award

Recipient of Graduate Scholarly Achievement Award: Bin Li

Bin Li is currently a PhD Student advised by Prof. Maohua Wang at China Agricultural University and Dr. Ning Wang at Oklahoma State University. He was a visiting scholar of Oklahoma State University during Sep. 2009-Sep. 2010. His major is Agriculture Electronics and Automation including Key techniques on Agricultural Harvesting Robots, THz spectrum theory and its applications in agriculture.



Recipient of Graduate Leadership and Service Award: Haixia Li

Haixia Li received her BS in Electrical Engineering and MS in electrical and automation in agriculture from China Agricultural University, Beijing, China in 2005 and 2009, respectively. She joined Oklahoma State University (OSU) in 2009. She is currently a PhD student in Biosystems and Agricultural Engineering at OSU. Her research interests include wireless sensor networks used in crop fields.



Recipients of Student Paper Award

1st place: **Bin Li**, Maohua Wang, Ning Wang, Hailin Zhang, Cunlin Zhang, and Weili Zhang
"Preliminary Study on Heavy Metal Detection in Soil Using Terahertz Time-domain Spectroscopy" (ASABE Paper Number 1100020) - China Agricultural University

2nd place: **Qianfeng Li**, and Lingjuan Wang-Li

"Fine Particulate Matter in the Vicinity of an Animal Feeding Operation: Statistical Distributions and Upwind and Downwind Comparison" (ASABE Paper Number 1110737) -

North Carolina State University

3rd place: **Feng Xu**, and Donghai Wang

"Fermentable Sugar Production from Photoperiod-Sensitive Sorghum" (ASABE Paper Number 1110861) - Kansas State University

Feng was born in Wuxi, China. He received his B.S. and M.S. in fermentation engineering from School of Biotechnology, Jiangnan University. He then joined the Department of Biological and Agricultural Engineering in Kansas State University in 2008 for his PhD in the field of biomass structural changes during thermochemical pretreatment and the related effects on downstream processing for lignocellulosic ethanol.



4th place: **Pengcheng Yu**, Chingying Li, Fumiomi Takeda, Garald W. Krewer, Glen Rains, and Takoi Hamrita

"Quantitative Evaluation of a Blueberry Mechanical Harvester Using a Miniature Instrumented Sphere" (ASABE Paper Number 1111592) - University of Georgia

2011 AOC Faculty Awards



Recipient of AOC Distinguished Career Award: Dr. Naiqian Zhang

Dr. Naiqian Zhang from the Biological & Agricultural Engineering in Kansas State University is one of the founders of AOC and has been devoting to the society development for ten years. He has also been named an ASABE Fellow for his outstanding and dedicated performance in educating engineering professionals, and developing new sensors and control applications for agricultural and biological systems.

Recipient of AOC Early Career Award: Dr. Changying Li

Dr. Changying Li currently is an Assistant Professor of Biological and Agricultural Engineering at the University of Georgia. His research interest is in developing sensing and automation technologies for specialty crops and cotton. Dr. Li's research efforts have resulted in \$2.7 million in research funds, 26 peer-reviewed journal papers, and 48 conference papers and presentations as of 2011. His work has been recognized by several awards, such as the "University of Georgia Research Fellow" in 2009 and "Gary A. Herzog Award of Excellence for Junior Research Scientist" in 2011. He is Associate Editor for Transactions of ASABE and Applied Engineering in Agriculture.



Recipient of AOC Faculty Service Award: Dr. Yingkuan Wang



农业部规划设计研究院农业工程科技信息中心副主任、党支部副书记、副编审。 Editor-in-Chief of CIGR Journal; Executive Editor-in-Chief of International Agricultural Engineering Journal; Managing Editor of International Journal of Agricultural & Biological Engineering; Associate Editor-in-Chief of Transactions of the Chinese Society of Agricultural Engineering; Executive Board Member of the CIGR, AAAE and AOCABFE; Deputy Director of Agricultural Engineering Sci-Tech Information Center; Chinese Academy of Agricultural Engineering, Ministry of Agriculture(MOA)

International Forum on China Exchange

Sponsored by AOC

Ning Wang

During the past decade, the Association of Overseas Chinese Agricultural, Biological, and Food Engineers (AOC) has been organizing annual "China Exchange" sessions at the ASABE international meetings. It has become a traditional annual activity. To celebrate the 10th anniversary of AOC this year, the China Exchange session was expanded to the "International Forum on China Exchange". Nine prestigious speakers were invited to provide their visions on China exchange in the future.

On August 8, 2011, the International Forum on China Exchange was held in Louisville, Kentucky. Dr. Ning Wang from Oklahoma State University moderated the session. Eight speakers from China and USA presented their vision to the China exchange activities. Dr. Hongda Chen, the National Program Leader of USDA, gave the first presentation with a title of "USDA-MOST Cooperation in Agricultural Science and Technology - Vision, Achievements and Outlook". He provided many insights on the USDA programs and vision on cooperation between China and USA. Dr. Ming Zhu, President of Chinese Academy of Agricultural Engineering, followed with a thorough introduction of China strategic plan on promoting international collaboration to promote agricultural engineering technology and industrial development. Former ASABE President, Dr. Don Erbach shared his thoughts and experience on China collaboration. In past ten years, AOC made two important achievements to promote international collaborations. Yangling International Academy of Modern Agriculture (YIAMA) was established in July 2010 in Yangling, Shaanxi and located in Northwest Agriculture and Forestry University. The Oversea Dean of YIAMA, Dr. Xiusheng Yang, introduced the inauguration ceremony and the current status of the Academy. The Chief Editor of the International Journal of Agricultural and Biological Engineering (IJABE), Dr. Yingkuan Wang, introduced the Journal which was co-sponsored by AOC and Chinese Society of Agricultural Engineering. In this Forum, three speakers from industry also shared their thoughts, experience, and future perspectives. Their talks were very well received by the audiences. Mr. Dan Dufner from John Deere A&T Division provided insights on their Chinese market development and future strategy. Dr. Steve Holcombe, CEO of Pardalis, shared a proposal on establishing global whole chain food traceability center. Dr. Fengde Wang from China National Machinery Industry Corporation (SINOMACH) introduced his corporation and presented a strategic plan on enhancement of international collaboration to develop advanced agricultural technology. The Forum was very well attended. The speakers' informative presentations generated a lot of discussions.

Technical Session #151

INTERNATIONAL FORUM ON CHINA EXCHANGE - Invited Presentations

Sponsored by AOCABFE and Intl-601

Monday, August 8 14:30 - 17:30

Moderator: Ning Wang, Oklahoma State University

14:35 - 14:55 Dr. Hongda Chen , National Program Leader, USDA

Title: USDA-MOST Cooperation in Agricultural Science and Technology - Vision, Achievements and Outlook

14:55 - 15:15 Ming Zhu, President, Chinese Society of Agricultural Engineering

Title: Strategic Thinking on Promoting International Collaboration to Promote Agricultural Engineering Technology and Industrial development

15:15 -15:30 Don Erbach, ASABE Past President, AOC honorary member

Title: International Agricultural and Biological Engineering Exchange

15:30 - 15:45 Zhong Zhao, Vice President, Northwest Agricultural and Forestry University, P.R. China

Title: International Cooperation and Exchanges of Northwest Agricultural and Forestry University

15:45 - 16:00 Dan Dufner, Global Engineering Manager, John Deere A&T Division

Title: John Deere in China

16:10 - 16:25 Xiusheng Yang, Dean, Yangling International Academy of Modern Agriculture (YIAMA); Professor, University of Connecticut.

Title: YIAMA: A new bridge for China exchange

16:25 - 16:40 Steve Holcombe, CEO, Pardalis Inc., Oklahoma.

Title: Proposing a global "Whole Chain Traceability Center"

16:40 - 16:55 Fengde Wang, China National Machinery Industry Corporation (SINOMACH)

Title: The key equipment and technology mode of crop straw collection and delivery in China

16:55 - 17:10 YingkuanWang, Managing Editor, International Journal of Agricultural and Biological Engineering (IJABE)

Title: Rising Role of Chinese Agricultural Engineering in Publishing International Journals: IJABE, CIGR Journal and IAEJ

17:25 - 17:30 Concluding Remarks

People behind the Scene



Preparatory Committee

From AOC Board:

Naiqian Zhang, Ning Wang, Yubin Lan, Yanbo Huang, Lingying Zhao, lingjuan Wang, Juhua Liu, Zhuping Sheng, Yufeng Ge

From SAC:

Jing Gan, Weilin Wang, Zhenglin Luo, Xuan Li, Bingqing Wang

Additional students

Haixia Li, Siyu Li, Yongbo Wan, Yeyin Shi, Xu Wang, Li Guo



Task Forces

Coordination: Naiqian Zhang

International Forum: Ning Wang

Business Meeting/Banquet: Zhuping Sheng

PPT Show: Naiqian Zhang, Ning Wang

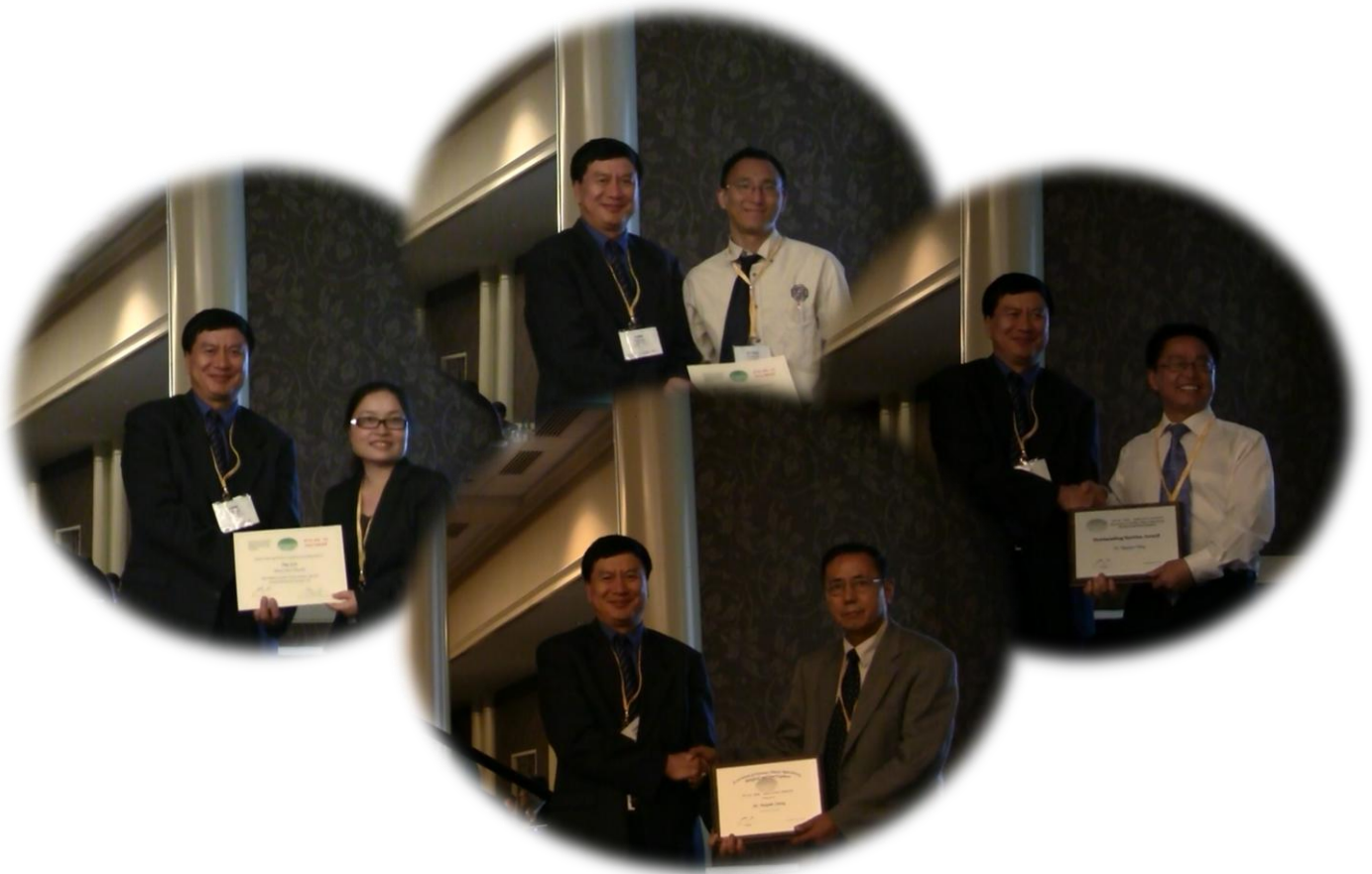


The image shows a group of ten people, the film production team, seated around a long wooden conference table in a meeting room. They are dressed in casual business attire. In the background, a projector screen displays a collage of photos. The room is dimly lit, with the primary light source being the projector. On the table, there are several laptops, water bottles, and a purple cup. The overall atmosphere is professional and collaborative.

 *"Ten Years of the AOC"* 
Film-production team

AOC 10th Anniversary film production team.
From right to left order: Yongbo Wang, Yeyin Shi, Naiqian Zhang, Ning Wang, Xu Wang, Haixia Li, Siyu Li, Li Guo, Jin Gan.

Photo Collection of China Exchange Forum and Award Banquet



Awards and certificates













AOC members and invited guests gathered to celebrate the 10th Anniversary of AOC on Aug. 8th, 2011.