HONORARY EDITORS

(豊田利夫) Dr. T. TOYOTA Chief researcher of Japan Institute of Condition Diagnosis Technology, Japan Prof. Dr. J.J. GAO(高金吉)

Academician of the Chinese Academy of Engineering Beijing University of Chemical Technology, China Dr. H. MATSUYAMA(松山久義)

Vice-president of the Society of Plant Engineers, Japan Prof. emeritus of Kyushu University, Japan

EDITOR-IN-CHIEF Prof. Dr. P. CHEN(陳鵬)

Mie University, Japan

ASSOCIATE EDITORS-IN-CHIEF

Prof. Dr. Z.J. HE (何正嘉) Xi'an Jiaotong University, China Prof. Dr. Maria Q. Feng University of California, USA Prof. Dr. T. KAWAI(川合忠雄) Osaka City University, Japan Prof. Dr. S. OKUMURA(奥村 進) University of Shiga Prefecture, Japan Prof. Dr. Lei Li (李和 Hosei University, Japan (李磊) Prof. Dr. H.Q. WANG(王华庆) Beijing University of Chemical Technology, China

EDITORIAL BOARD

Prof. Dr. C.Z. CHEN (陈长征) Shenyang University of Technology, China Dr. C.S. YUAN (袁崇生) DIAZYME Corporation, USA Prof. Dr. F.L. CHU (褚福磊) Hol. D. F.L. CHO (特面循句 Tsinghua University, China Associate Prof. Dr. H. OHTA (太田博光) National Fisheries University, Japan Prof. Dr. H.P. MAO (毛罕平) Jiangsu University, China Prof. Dr. J. CHEN (陈进) Right Dr. J. Chen (原廷) Shanghai Jiaotong University, China Prof. Dr. J. HAN (韩捷) Zhenzhou University, China Prof. Dr. J.P. HU (胡建平) Jiangsu University, China Prof. Dr. L.X. GAO(高立新)

Prof. Dr. L.X. GAO(商立和) Beijing University of Technology, China Prof. Dr. L.X. LU(卢立新) Jiangnan University, China Prof. Dr. N.Q. HU(胡茑庆) National University of Defense Technology, China Dr. T. MITOMA(三笘哲郎)

Mitsui Chemicals, Inc., Japan

Ms. M. HU(胡敏) Agent Director of China Plant Engineering Editorial office Assis. Prof. M. YAMASHITA(山下光司)

Mie University, Japan Dr. N. SATONAGA(里永憲昭) Showa Denko K.K., Japan Prof. Dr. S. MASUDA(増田 新)

Kyoto Institute of Technology, Japan Prof. Dr. S.M. WANG(王世明)

Shanghai Ocean University, China Prof. Dr. T. WAKABAYASHI(若林利明)

Prof. Dr. I. WAKABAYASHI (Kagawa University, Japan Prof. Dr. T.Y. WANG (王太勇) Tianjin University, China Prof. Dr. X.L. XU (徐小力)

Beijing Information Sci. and Tech. University, China Dr. Y. WATANABE (渡部幸夫)
Toshiba Corporation, Japan
Prof. Dr. Y.L. MIAO (缪冶炼)
Nanjing University of Technology, China
Prof. Dr. Y.M. SHAO (邵毅敏) Prof. Dr. T.M. SRAO (in家政) Chongqing University, China Prof. Dr. Y.Y. ZI (訾艳阳) Xi'an Jiaotong University, China Associate Prof. Dr. Z. Y. PAN (潘中永)

Jiangsu University, China

SECRETARIAT BOARD

Dr. H. SUN(孙昊)(head) Jiangnan University, China Mr. K. LI (李可) Mie University, Japan Dr. F. WANG(王峰) Beijing University of Chemical Technology, China Mr. H.T. XUE(薛红涛) Mie University, Japan Mr. H.Y. JIANG(江海洋) Mie University, Japan

PUBLISHED BY

International Association of Comprehensive Engineering

SPORTED BY

Society for the Study of Advanced Condition Diagnosis Social Infrastructure, Mie University, Japan
Committee of Fault Diagnosis of Chinese Society for Vibration Engineering (CSVE) Branch of Plant Management and Maintenance of Chinese Mechanical Engineering Society

Printed by Diagnosis Engineering & Technology LLP. Japan

China Association of Plant Engineering



"A scientist discovers that which exists. An engineer creates that which never was."

- Theodore von Kármán

Call for Papers

The Inaugural Issue

International Journal of Comprehensive Engineering

Part C: Engineering in Agriculture, Ocean and Light Industry (ISSN 2186-375X for print, e-ISSN 2186-3768 for online)

The International Journal of Comprehensive Engineering (IJCE) is an international interdisciplinary journal which integrates publication of all aspects of research on engineering science. This international journal provides a medium of communication among engineers and scientists who have engaged in research and development concerning the fields of comprehensive engineering, while maintaining a healthy balance between fundamental and experimental topics. Not so long ago the call for papers for the International Journal of Comprehensive Engineering Part A: Maintenance Engineering (ISSN 2186-263X for print, e-ISSN 2186-2648 for online) and Part B: Intelligent Engineering (ISSN 2186-2680 for print, e-ISSN 2186-2656 for online) had begun (view the call for papers at http://www.iace-journal.org/views/IJCE-call for paper.pdf).

Now, the new volume Part C: Engineering in Agriculture, Ocean and Light Industry (ISSN 2186-375X for print, e-ISSN 2186-3768 for online) will be introduced to authors, and the scopes of which are

Agriculture

(Executive chief editor: Prof. Dr. Hanping. MAO, Jiangsu University, China)

- Agricultural Equipment and Mechanical Engineering
- Agricultural Bioenvironmental Engineering
- Agricultural Renewable Energy Engineering Agricultural Produce Processing Engineering
- Agricultural Information and Electrical Technologies
- Others on Agricultural Engineering

(Executive chief editor: Prof. Dr. ShimingWANG, Shanghai Ocean University, China)

- New Ocean energy
- Ocean monitoring technology
- Ocean experimental development
- Observational and computational tools
- Ocean maintenance technology
- Ocean diagnosis method
- Professional sensor technology
- Others on Ocean Engineering

Light Industry

(Executive chief editor: Prof. Dr. Prof. Dr. Lixin LU, Jiangnan University, China)

- Agri-food products processing/packaging technologies and equipments
- Preservation, storage and packaging of agri-food products
- Sensing, testing, automation and internet of things technologies Innovative IT applications in agri-food chain
- Comprehensive utilization of resource
- Green environmental protection, energy saving technologies
- Others on Light Industry

The journal publishes original manuscripts, including academic papers and technical reports, which have not been published in any other publication, under the peer-reviewed process. All accepted papers will be published online as soon as accepted, and will be published in the print a few months later.

The journal will be sent to the EI office for including in the EI Compendex databases on the start of year 2012. Sequentially, the editorial office will make great effort for including in the SCI-expanded database in the near future.

Manuscript must be written in the English language, and must be submitted before Feb. 29, 2012. Accepted papers will be published in the inaugural issue. About 10~15 selected best papers in the inaugural journal will be published in special issues of a SCI-indexed journal (Information: an International Interdisciplinary Journal, ISSN 1343-4500) after further revision. Paper to be accepted by the Information journal will be needed to change the content published in the IJCE at least 30% and needed extra charge for the publication.

Online submission: All submissions to International Journal of Comprehensive Engineering should proceed online. Author should select the Part C of the journal when submitting the manuscript. For more information on the online submission, please click the link "For authors" in the web-page (http://www.iace-journal.org) of the IJCE. For questions on the submission, please contact the secretariat.

Page charges: The Article Processing Charge (APC) for publication in this journal is 1200 Chinese Yuan or 16000 Japanese Yen or 200 US Dollars for the paper of 5-10 pages. If the paper exceeds 10 pages, it must be paid 400 Chinese Yuan or 5000 Japanese Yen or 60 US Dollars per extra page. (The Article Processing Charge (APC) is only for the inaugural issue temporarily.)

IJCE Secretariat:

For the area of China and others:

Agriculture: Tel.+86-511-88790008, FAX. +86-511-88797338, E-mail: hujp@ujs.edu.cn Ocean: Tel.+86-156-92165065, FAX. +86-21-61900801, E-mail: smwang@shou.edu.cn

Light Industry: Tel.+86-510-85910556, FAX. +86-510-85910556, E-mail: jiangnan-sme@hotmail.com For the area of Japan: Tel.+81-59-231-9592, FAX. +81-59-231-9592, E-mail: iace-journal@nifty.com