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# Emerging Technologies

## Of Pulping & Papermaking

Editors

LIU Huanbin, ZHAN Huaiyu and XIE Yimin

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# **Emerging Technologies of Pulping & Papermaking**

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Editors

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## **Foreward**

In the new century, paper is playing more vital role in the cultural development of mankind with the rapid progress of society, science and technology. Significant developments have been made in all areas of pulping and papermaking, especially in genetic engineering on fiber resource, secondary fiber recycling, biobleaching, biobleaching, wet end chemistry, pollution control, computer simulation, process control and waste utilization. This provides both challenge and opportunity for the technologies associated with paper industry. Four years ago, the First International Symposium on Emerging Technology of pulping and Papermaking (ISETPP' 98) was held successfully at South China University of Technology. Seventy papers from 12 countries were published in the proceedings and all of them were cited by ISTP and CA. Some famous national libraries in the world also collected the proceedings. Many researchers in universities, research institutes and enterprises suggest to organize the 2<sup>nd</sup> International Symposium on Emerging Technology of Pulping and Papermaking (2<sup>nd</sup> ISETPP). This project is also supported by the National Natural Science Foundation of China. We believe that this Symposium will provide a forum for scientists and engineers involved in the research on paper science and technology to present new progress, new discovery, exchange ideas and understand the development of paper industry and relative scientific research in China.

This symposium has received support from scholars from all over the world. One hundred forty one papers from 12 countries have been accepted after critical review by the editors and other committee members. Seven papers were selected as Key Note Lectures and the others are to be presented in 6 sessions. The topics of the 6 sessions are as follows:

- |                                                                                                   |           |
|---------------------------------------------------------------------------------------------------|-----------|
| 1. plant Fiber Chemistry and Genetic Engineering on Fiber Resources                               | 20 papers |
| 2. New Technologies of Chemical Pulping, Chemimechanical Pulping and<br>Secondary Fiber Recycling | 27 papers |
| 3. New Technologies of Pulp Bleaching and Biobleaching                                            | 29 papers |
| 4. New Technologies of Papermaking and Wet End Chemistry                                          | 25 papers |
| 5. New Technologies of Effluent Treatment and Waste Utilization                                   | 22 papers |
| 6. Equipment and Process Control in Pulping and Papermaking                                       | 11 papers |

We would like to take this opportunity to express our sincere thanks to the organizing committee, secretariats and other staffs for their enthusiastic work in preparing the symposium. The editors are grateful to all of the authors and for their kind cooperation and effort to make the symposium a success. We are also thankful to the National Natural Science Foundation of China, The Education Ministry of China, Guangdong Province and South China University of Technology for their support to the symposium.

Liu Huanbin, Zhan Huanyu and Xie Yimin  
Editors of the Proceedings of 2nd ISETPP

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