

前 言

第六届辐射研究与辐射工艺学术年会于 2004 年 10 月 22—26 日在西安举行。年会由中国核学会辐射研究与辐射工艺分会主办，第四军医大学协办。

本届年会取得了圆满成功。本分会各成员单位的 130 余位代表出席了本届年会，日本辐射化学学会与印度辐射化学学会派代表参加了本届年会。与会代表以会议报告形式进行了 120 多篇论文的学术交流。代表人数、论文数、及其国际交流特色均为历届年会之最。会议论文涵盖辐射化学、辐射生物医学、辐射改性高分子材料，以及辐射技术在环境保护、农业与食品工业等领域的应用，反映了上述领域的近期研究进展。本届年会 80 % 的与会代表为青年学者，显示了我国辐射研究与辐射工艺研究的兴旺发达和良好前景。

本分会新一届学会委员会会议建议出版该年会论文集。经与中国科学院上海应用物理研究所联合编辑部商议，由该编辑部与本学会合作编辑出版该会议论文集，并于《辐射研究与辐射工艺学报》2005 年第 2 期刊出。因该刊版面、字数限制，所有的会议论文均以详细摘要形式收集于论文集。中文论文的详细摘要附英文摘要，英文论文则无中文摘要。而欲全文发表的论文，则不收录于本论文集。对所有的详细摘要，编辑部组织了严格审稿，俾使其内容与编排符合该刊要求。

本届学术年会促进了我国辐射研究界与日本、印度同行的学术交流，也将对促进亚太地区的辐射研究和辐射加工技术的进一步发展产生有利影响。会议期间，中国、日本、印度的辐射研究学会就进一步开展学术交流达成共识。三方确定，将于 2006 年在上海召开第一届亚太地区辐射化学研讨会。

顺此向关心、支持本届年会的中国核学会、国家自然科学基金委员会、中国科学院上海应用物理研究所和第四军医大学致以衷心感谢。

盛康龙 姚思德

Preface

Sponsored by Chinese Society of Radiation Research and Radiation Processing (CSRRRP), and with the No.4 Military Medical University as the holster, the 6th Conference on Radiation Research and Radiation Processing (CRRRP-6) in China was held successfully on October 22-26, 2004 in Xi'an.

Over 130 participants from member institutions of CSRRRP attended CRRRP-6, and delegations from Japanese Society of Radiation Chemistry and Indian Society of Radiation Chemistry were invited to the conference. More than 120 oral presentations were made at CRRRP-6, which ranks the first in the conference series in terms of the number of participants and the presentations. The presentations, of either fundamental study or practical applications of radiation processing, reflected recent progresses in China and Asia in radiation chemistry, radiation bio-medicine, radiation modification of polymeric materials, and radiation applications in environment protection, agriculture and food industry. In addition, the fact that 80 % of the participants are yang scholars shows the vitality and promising future of radiation research and radiation processing in China.

In the first meeting of the new Academic Board of CSRRRP, a decision was made to publish proceedings of CRRRP-6. And the Joint Editorial Office of Shanghai Institute of Applied Physics, Chinese Academy of Sciences agreed to publish the proceedings in No.2 issue of JRRRP Vol. 23. However, because of size limitations of the issue, the proceedings would include just summary, either in Chinese (with an English abstract) and English, of selected presentations. And the presentations for publication as journal papers are not included in the proceedings. Editors and referees have made serious effort on the submitted summaries to make their contents and form meet quality requirements of JRRRP.

CRRRP-6 contributed in promoting scientific exchanges between radiation research societies of China, Japan and India. And it would be of significance in doing so in the Asian and Pacific region, as during CRRRP-6 the societies of the three nations agreed to be joint sponsors (and holster in turn) for holding series Seminars on Radiation Chemistry in Asia and the Pacific region starting from 2006 in Shanghai, China.

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