Preface

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The International Nuclear Atlantic Conference (INAC 2005) was held at the Mendes Convention Center in Santos, Brazil, from 28 August to 2 September, 2005. The conference was truly international in scope and participation, as several countries were well represented by talented researchers in nuclear science and engineering. INAC 2005 was promoted by the Brazilian Association for Nuclear Energy (ABEN: www.aben.com.br), and we would like to express our deep appreciation to all the sponsors.

Santos was indeed a good choice and any initial concerns of problems to keep our colleagues in the lecture rooms given the fantastic beaches just outside were unwarranted.

This special issue of IJLR comprises eight papers and offers a cross-section of the topics presented in Santos. I wish to thank the technical programme committees, the Editor-in-Chief, Professor Dr. André Maïsseu, and all the authors and speakers for making the INAC 2005 a great success.