

# CONTENTS

<b>SUMMARY</b> .....	1
----------------------	---

## **OPENING SESSION**

Opening Address.....	7
<i>H. Revol</i>	
Opening Address.....	15
<i>T. Taniguchi</i>	
Opening Address — TSOs: A bright idea to help meet nuclear safety challenges in a fast changing international environment .....	21
<i>J. Repussard</i>	
Opening Address by Conference President.....	29
<i>Li Ganjie</i>	
Opening Keynote Address — Managing technical support organizations at the US Nuclear Regulatory Commission .....	31
<i>P.B. Lyons</i>	
Opening Keynote Address.....	37
<i>B. Thomauske</i>	
Opening Keynote Address — ANCLI-CLI: Mediators of access to information and expertise — A tool at the service of the public ....	43
<i>M. Sené</i>	

## **ROLES, FUNCTIONS AND VALUE OF TECHNICAL AND SCIENTIFIC SUPPORT ORGANIZATIONS (Topical Session 1)**

Lead-in presentation: Roles, functions and value of TSOs .....	49
<i>P. Govaerts</i>	
Independent technical and scientific advice for regulatory decision making .....	55
<i>L. Hahn</i>	
Relevance of TSOs in providing technical and scientific services to operators/industry .....	67
<i>K.S. Ko, K.I. Han</i>	
Development and maintenance of the technical and scientific knowledge base necessary for TSOs .....	87
<i>P. Jamet</i>	
Role of the TSO in public information/debate openness, transparency ...	97
<i>K. Valtonen, T. Vanttola</i>	

## **CHALLENGES FACED BY TSOs AND TSO EFFECTIVENESS (Topical Session 2)**

Lead-in presentation: Challenges faced by technical and scientific support organizations .....	105
<i>T. Yokoyama</i>	
Legal status, credibility, visibility and confidence in technical and scientific support organizations .....	117
<i>C. Stoiber</i>	
Management of technical and scientific competence and human resources .....	131
<i>S. Coupland</i>	
Qualification of TSOs — Some ideas for discussion .....	139
<i>J.A.A.K. Pinto de Abreu</i>	
Sustainability of technical and scientific expertise .....	149
<i>D. Macnab</i>	

## **INTERNATIONAL COOPERATION, NETWORKING AND APPLICATION OF IAEA SAFETY STANDARDS (Topical Session 3)**

Lead-in presentation: Status of international cooperation and perspectives on future needs and convergence of technical and scientific practices: Benefits and methods .....	153
<i>D. Majer</i>	
Networking to bridge organizational, geographical and cultural barriers ....	167
<i>M. Magugumela</i>	
Technical and scientific support in building infrastructure for the nuclear power programme in Vietnam .....	169
<i>Vuong Huu Tan</i>	
IAEA safety standards and international legal instruments .....	175
<i>A. Delgado</i>	
International cooperation, networking and application of IAEA safety standards — Perspectives of the IAEA .....	183
<i>C. Viktorsson, E. Amaral</i>	

**PERSPECTIVES ON THE EVOLVING NEEDS FOR TECHNICAL AND SCIENTIFIC SUPPORT (Topical Session 4)**

Lead-in presentation: Perspectives on the evolving needs of TSOs and the regulator's perspective. . . . . 197  
*A.-C. Lacoste*

Evolving needs for technical and scientific support —  
Perspectives of the industry . . . . . 201  
*S.A. Bhardwaj*

United States Nuclear Regulatory Commission perspectives on technical and scientific support organizations. . . . . 213  
*M.A. Cunningham*

Flamanville and Cotentin: A population's trust in building nuclear power for tomorrow. . . . . 221  
*P. Fauchon*

OECD/NEA activities to enhance cooperation among technical organizations involved with nuclear safety assessment and research . . . . . 227  
*J. Reig*

**CLOSING SESSION**

Summary and conclusions of the conference . . . . . 247  
*Li Ganjie*

Chairpersons of Sessions. . . . . 267

President of the Conference. . . . . 267

Secretariat of the Conference. . . . . 267

Programme Committee. . . . . 267

List of Participants. . . . . 269

Author Index . . . . . 297