

Introduction .....	iii
--------------------	-----

## I. Application-based themes

Space-based Data: Between Pure Science and Down-to-Earth Application in Indonesia	
---	--

<b>Thomas Djamaluddin</b> .....	3
---------------------------------	---

Status of the Cospas-Sarsat System	
------------------------------------	--

<b>Vladislav Studenov</b> .....	17
---------------------------------	----

From Freedom to Alpha: Cooperation within the International Space Station	
---	--

<b>Darly Henriques da Silva</b> .....	25
---------------------------------------	----

Bam Earthquake Prediction & Space Technology	
--	--

<b>Darrell Harrington and Zhonghao Shou</b> .....	39
---	----

## II. Knowledge-based themes

Basic Space Science in Arab Countries: Past, Present & Future	
---	--

<b>Hamid M.K. Al-Naimiy</b> .....	67
-----------------------------------	----

New Explanation for Length Shortening of the New Crescent Moon	
--	--

<b>A.H. Sultan</b> .....	83
--------------------------	----

The Impact of Historical Chinese Astronomical Records	
---	--

<b>Zhen-Ru Wang</b> .....	93
---------------------------	----

The Basic Space Science Initiative: Capacity Building in Developing Countries	
---	--

<b>Bhavini Patel</b> .....	101
----------------------------	-----

The Applicability of Space Law Principles to Basic Space Science: An Update	
---	--

<b>Sriram Swaminathan</b> .....	117
---------------------------------	-----

## III. Enabling technologies

Amateur Satellites as a Vehicle for Satellite Communication Education	
---	--

<b>Jonathan Newport</b> .....	145
-------------------------------	-----

## IV. Cross-cutting issues

What is the International Heliophysical Year (IHY)?	
---	--

<b>N.U. Crooker</b> .....	155
---------------------------	-----