The 3rd **COSPAR** Symposium

Small Satellites for Space Research

HOSTED BY



Korea Astronomy and Space Science Institute

The Korean Space Science Society

SUPPORTED BY



COMMITTEE ON SPACE RESEARCH

Ministry of Science, IC and Future Planning

September 18 - 22, 2017 ICC Jeju, Jeju, Korea

Sponsorship & Exhibition **Prospectus**

CONTENTS

INVITATION		 03
OVERVIEW		 04
ORGANIZING COMMITTEE		 05
SYMPOSIUM THEME AND TO	PICS	 06
PROGRAM AT A GLANCE		 07
WHY 3rd COSPAR SYMPOSIUM	И	 08
BECOME A SPONSOR!		 09
JOIN THE EXHIBITION!		 10
SPONSORSHIP / EXHIBITION	APPLICATION FORM	 11

INVITATION



COSPAR has initiated a new series of scientific meetings, the Symposia, aimed at promoting space research at a regional level and to be organized in countries with medium or small size space infrastructures. Each Symposium, highly interdisciplinary in nature, is intended to attract 500-1000 participants mainly, but not exclusively, from the region where the meeting takes place.

In South Korea, priority has in recent years been given to space research, and COSPAR will hold its third Symposium in Jeju, after a second successful event held in Foz do Iguaçu, Brazil in November 2015. The theme of the 3rd Symposium will be "Small Satellites for Space Research". Detailed information about this Symposium can be found from www.cospar2017.org.

It is my pleasure to provide you with the scientific program of this major scientific event and to invite your organization to become a sponsor.

Indeed, we will receive many requests for support from scientists hoping to participate in the Symposium, especially from young researchers and scientists coming from countries of the region with limited resources. We would be most grateful if you would consider making a contribution toward meeting these requests. I would like to stress that even a modest sum would be appreciated. In order to allocate funds as equitably and efficiently as possible, we prefer that financial support be without specific constraints. We plan to allocate funds primarily to young scientists but will, of course, respect wishes of sponsors providing support. Please do make clear in your response any restrictions which may apply to the allocation of funds offered.

All sponsors will be listed in the Symposium documentation and reports. Sponsoring organizations which provide financial support will be specially acknowledged, and will be offered privileged conditions for access to the Symposium.

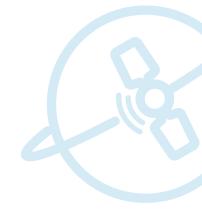
To assist the greatest number of scientists possible, I request that you please send your responses, positive or negative, concerning sponsorship.

Yours sincerely,



Dr. Young-deuk Park Chair The Korean COSPAR Committee

OVERVIEW



ABOUT COSPAR Symposium

The Committee on Space Research (COSPAR) was established by the International Council for Science in 1958. Among COSPAR's objectives are the promotion of scientific research in space on an international level, with emphasis on the free exchange of results, information, and opinions, and providing a forum, open to all scientists, for the discussion of problems that may affect space research. These objectives are achieved through the organization of symposia, publication, and other means.

The COSPAR symposium has been initiated by COSPAR which aims to promote space research at a regional level in emerging countries and will be held every two years in a different area of the world. The Symposium will include multidisciplinary and training sessions. The first COSPAR symposium was held in Bangkok, Thailand in 2013 with the theme of "Planetary Systems of our Sun and other Stars, and the Future of Space Astronomy", and the second symposium in Foz do Iguaçu, Brazil in 2015 with the theme of " Water and Life in Universe". The third symposium will be held in Jeju, South Korea in 2017 with the topic of "Small Satellites for Space Research". Worldwide scientists and professionals will get together to discuss of new opportunities of space research with small satellites.

ABOUT COSPAR Symposium 2017

Title	The 3 rd COSPAR Symposium (COSPAR Symposium 2017)
Date	September 18 - 22 , 2017
Venue	International Convention Center Jeju (ICC Jeju), Jeju, Korea
Theme	Small Satellites for Space Research
Hosted by	Korea Astronomy and Space Science Institute & The Korean Space Science Society
Supported by	Committee on Space Research & Ministry of Science, ICT and Future Planning
Website	www.cospar2017.org
Official Secretariat	T +82-44-862-7962 / F +82-44-862-7963 / E cospar2017@cospar2017.org
Program Important Dates	Keynote Lectures, Plenary Talks, Interdisciplinary Lectures, Oral & Poster Presentations, Excursion, Social Programs, Exhibition - Abstract Submission : March 31, 2017
	- Early Registration Deadline : June 30, 2017

* Important Dates for Sponsorship and Exhibition : May 31, 2017





Symposium Program Committee (SPC)

Park, Young-deuk (SPC Chair, KASI, Korea) Batista, Inez S. (COSPAR Bureau member, Brazil) Bonneville, Richard (COSPAR CSAC Chair, France) Cesarsky, Catherine (COSPAR Bureau member, France) Choi, Young-Jun (KASI / KSSS, Korea) Fellous, Jean-Louis (COSPAR Finance Committee Chair, Netherlands) Fisk, Lennard (COSPAR President, USA) Glassmeier, Karl-Heinz (COSPAR Bureau member, Germany) Hermsen, W. (COSPAR Bureau member, Brazil) Jayarama, A. (COSPAR Vice-President, India) Jeong, Woong Sub (SOC Secretariat, KASI, Korea) Lee, Dong Hun (SOC Chair, Kyung Hee Univ. Korea) Lee, Seo-gu (LOC Secretariat, KASI, Korea) Panasyuk, M. I. (COSPAR Bureau member, Russia) Park, Jong-Uk (LOC Chair/SOC Co-chair, KASI, Korea) Sasaki, Sato (COSPAR Bureau member, Japan) St-Maurice, J.-P. (COSPAR Bureau member, Canada) Wu, Ji (COSPAR Vice-President, China) Chairs of COSPAR Scientific Commissions & Panels

Scientific Organizing Committee (SOC)

Lee, Dong-Hun (SOC Chair, Kyung Hee Univ., Korea)

Park, Jong-Uk (SOC Co-chair, KASI, Korea)
Arai, Kohei (Saga Univ., Japan)
Chae, Jongchul (Seoul Nat'l Univ., Korea)
Chang, Loren (Nat'l Central Univ., Taiwan)
Chi, Peter J. (UCLA, USA)
Choi, Chul-Sung (KASI, Korea)
Choi, Young-Jun (KASI / KSSS, Korea)
Glassmeier, Karl-Heinz (TU Braunschweig, Germany)
Grande, Manuel (Aberystwyth Univ., U.K.)
Jeong, Woong-Seob (SOC Secretariat, KASI, Korea)
Jin, Shuanggen

(Shanghai Astronomical Observatory, China)

Kim, Yong Ha (Chungnam Nat'l Univ., Korea)

Lee, Regina (York Univ., Canada) Maget, Vincent (ONERA, France) Mendez, Mariano (Univ. of Groningen, Netherlands) Nakamura, Takuji (NIPR, Japan) Nandi, Dibyendu (IISER Kolkata, India) Park, II-Heung (Sungkyunkwan Univ., Korea) Park, Young-deuk (SPC Chair, KASI, Korea) Parks, George K. (UC Berkeley, USA) Ryu, Kwangsun (SatRec/KAIST, Korea) Sheffer, Abigail (Nat'l Academy of Science, USA) Ubertini, Pietro (IAPS/INAF, Italy) Winter, Othon (Sao Paulo State Univ., Brazil) Wu Shufan (Innovation Academy for Microsatellites of CAS, China) Yano, Hajime (JAXA, Japan) Yau, Andrew (Univ. of Calgary, Canada) Yee, Kwanjung (Seoul Nat'l Univ., Korea) Yoshida Tetsuya (JAXA, Japan) Youn, Dae-Ok (Chungbuk Nat'l Univ., Korea) Qiugang Zong (Peking Univ., China)

| Local Organizing Committee (LOC)

Park, Jong-Uk (LOC Chair, KASI, Korea)

Lee, Seo-gu (LOC Co-chair, KASI, Korea)	
Cho, Kyoung-Suk (KASI, Korea)	
Choi, Byoung-Kyu (KASI, Korea)	
Choi, Young Jun (KASI / KSSS, Korea)	
Jee, Geonhwa (KOPRI, Korea)	
Kim, Ho-II (KASI, Korea)	
Kwak, Young-Sil (KASI, Korea)	
Lee, Chung-Won (MISP, Korea)	
Lee, Dae-Hee (KASI, Korea)	
Lee, JaeJin (KASI, Korea)	
Lee, Joo-Hee (KARI, Korea)	
Lee, Kyoung-Suk (KASI, Korea)	
Moon, Hong-Kyu (KASI, Korea)	

(in alphabetic order per last names)

SYMPOSIUM THEME AND TOPICS



| Small Satellites for Space Research

The program for the 3rd COSPAR Symposium is designated to cover a wide scope of space research under the theme **"Small Satellites for Space Research"**. The Keynote, Plenary, and Interdisciplinary talks will give the insight of space research with small satellite platform and the three parallel sessions are designed for the several scientific and technical sessions.

- Atmosphere & Climate Change
- Satellite Dynamics
- Earth-Moon System
- Sub-satellite Orbit (Ballooning)
- Planets and Small Bodies
- Radiation Belt Environment
- Upper Atmospheres and Ionosphere
- Space Weather

- Heliosphere and Magnetosphere
- Planetary Protection
- Astrophysical from Space
- Space Exploration
- Life Science in Space
- Enabling Technologies
- Fundamental Physics in Space
- Others





PROGRAM AT A GLANCE

 $\overline{\mathcal{A}}$

Time	Sep 2017	. 17, (Sun.)	20	Sep. 18)17 (Mo	n.)	20	Sep. 19)17 (Tue			Sep. 20 17 (We			Sep. 21 017 (Th			Sep. 22 2017 (Fr		
Time	Lobby		Main	Room	Room	Main	Room	Room	Main	Room	Room	Main	Room	Room	Main	Room	Room	
08:30 ~ 08:45				A	B		A	B		A	B		A	B		A	B	
08:45 ~ 09:00	-					Inton	امنونا		Intor	طنممنهان		Intor	diagint	0.010	Inton	مانومانوان		
09:00 ~ 09:15	-				1		discipli Lecture			discipli Lecture			discipli Lecture			discipli _ecture		
09:15 ~ 09:30			_			'	Lootart	<i>,</i>	'	Looture	,		Lootard	,		Lootaro		
09:30 ~ 09:45			Re	gistrati	on													
09:45 ~ 10:00	-																	
10:00 ~ 10:15						Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	
10:15 ~ 10:30	-					#M2	#A2	#B2	#M5	#A5	#B5	#M8	#A8	#B8	#M10	#A10	#B10	
10:30 ~ 10:45	-					-												
10:45 ~ 11:00																		
11:00 ~ 11:15									-			-			-			
11:15 ~ 11:30			K-		l.	Со	ffee Br	eak	Co	ffee Br	eak	Со	ffee Br	eak	Co	ffee Br	eak	
11:30 ~ 11:45			Keyr	note Sp	eech													
11:45 ~ 12:00																		
12:00 ~ 12:15						Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	Slot	
12:15 ~ 12:30						#M3	#A3	#B3	#M6	#A6	#B6	#M9	#A9	#B9	#M11	#A11	#B11	
12:30 ~ 12:45						ł												
12:45 ~ 13:00																		
13:00 ~ 13:15												1			1			
13:15 ~ 13:30			Lunch								Lunch			L				
13:30 ~ 13:45						Lunch	1		Lunch				Lunch					
13:45 ~ 14:00																		
14:00 ~ 14:15			<u> </u>	0														
14:15 ~ 14:30			Openir	ng Cere	emony		_											
14:30 ~ 14:45				Plenary Talk		alk	Plenary Talk				Plenary Talk							
14:45 ~ 15:00																		
15:00 ~ 15:15												1						
15:15 ~ 15:30			Spa	ice Age	ency													
15:30 ~ 15:45		Public	Round Ta	Round Table	0101		Slot	Slot	Slot	Slot	Slot	Slot			Slot	Slot	Slot	
15:45 ~ 16:00		Lecture					#M4	#A4	#B4	#M7	#A7	#B7				#M12	#A12	#B12
16:00 ~ 16:15	Regis-											E	xcursio	on				
16:15 ~ 16:30	tration																	
16:30 ~ 16:45			Col	ffee Br	eak										Closin	g Cere	mony	
16:45 ~ 17:00			0		Gaix										CIUSII	y cere	попу	
17:00 ~ 17:15																		
17:15 ~ 17:30						Poor	tor Coo	cion	Pac	tor Coo	cion							
17:30 ~ 17:45			Slot	Slot		rusi	ter Ses	51011	rus	ter Ses	510[1							
17:45 ~ 18:00			#M1	#A1	#B1													
18:00 ~ 18:15																		
18:15 ~ 18:30																		
18:30 ~ 18:45																		
18:45 ~ 19:00	-																	
19:00 ~ 19:15	-																	
19:15 ~ 19:30	Weld	ome																
19:30 ~ 19:45		ption										G	ala Dini	ner				
19:45 ~ 20:00																		
20:00 ~ 20:15																		
20:15~20:30																		
20:30 ~ 20:45	-																	
20:45 ~ 21:00																		

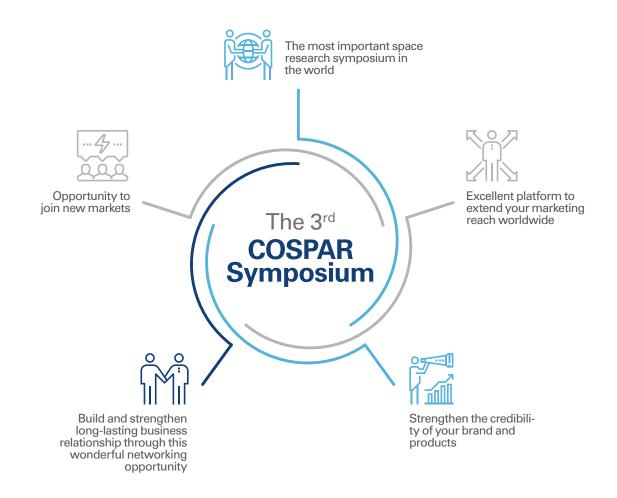
WHY 3rd COSPAR SYMPOSIUM



COSPAR Symposium is the premier international event in space research fields, and in 2017 it will be hosted in Jeju, Korea. The COSPAR Symposium 2017 is expected to bring together around 500 scientists and professionals from around the world to exchange ideas and share experience on a global level.

Sponsorship of COSPAR Symposium provides a unique chance to raise the international profile and position for your organization to be at the forefront of the space challenges. Sponsorship of this event also helps move the internal industry arena forward by supporting the participation of many talented researchers; therefore, it helps uplift the image of your organization. Do not miss out on these various sponsorship opportunities that we have to offer. All sponsorship categories are filled on first-come, first-serve basis.

| Five Reason to Participate in COSPAR Symposium 2017







Maximize the effectiveness of your promotion before and during the symposium by featuring your company's brand and products! Various sponsorship programs have been prepared to enhance your brand awareness.

| Sponsorship Package

Spc	Diamond	Gold	Silver	Partner Type 1	Partner Type 2	
Amount		USD 13,500 (KRW 14,900,000)	A CONTRACTOR OF A CONTRACTOR	a second s	USD 5,000 (KRW 5,000,000)	USD 3,000 (KRW 3,000,000)
Pre-symposium	Logo on website main page	\vee	\vee	\vee	\vee	\vee
Advertising	Banner link in e-newsletter	\vee	\vee	\vee	\vee	\vee
	Co-host	Gala Dinner	Welcome Reception	Lunch	Travel	Grants
Symposium Advertising	Logo in final program book	\vee	\vee	\vee	\vee	\vee
	Insert the company brochure	\vee	\vee	\vee		
Exhibition	Complimentary Booth Space (3m X 3m)	2	1	1		
Registration	Free Registration	3	2	1		

Application Process

- 1. Please fill out the Sponsorship Application Form and FAX (+82-44-862-7963) or E-mail (cospar2017@cospar2017.org) it to the COSPAR 2017 Secretariat Office.
- 2. After submission of the application form, full payment is required.
- 3. After payment is confirmed, we will issue a receipt.

| Required Documents

- · Application Form
- · Copy of Business Certification or License

| Application Schedule

Deadline for sponsorship application form submission : May 31, 2017





An extensive technical exhibition will take place during the four-day conference in ICC Jeju. The exhibition is expecting participation of about 500 subscribers and over 30 companies from around world and will offer optimal marketing opportunities for increased exposure and market expansion. The standard booth is a 3m x 3m shell scheme, and can be purchased in multiples of 9 square meters.

(1) Exhibition Schedule and Venue

- · Move-in : Sep. 17, 2017
- · Exhibition Period : Sep. 18~22, 2017
- · Move-out : After 17:30, Sep. 22, 2017
- · Venue : Event Hall (1F), ICC Jeju

(2) Exhibition Information

	Booth Type	Amount	Price			
	Shell Scheme Booth	Sign with company name				
COMPANY NAME						
COMPANY NAME SSS						
				Electricity 1kw	3,000 / booth	
		1 socket				
		Space Only	Electricity 1kw			
	1 socket					

(3) Application Procedure

- · Please fill out the sponsorship / exhibition application form.
- · E-mail it to the COSPAR 2017 Secretariat (cospar2017@cospar2017.org) along with a copy of your business license.
- \cdot Please send the receipt to the secretariat for confirmation of full payment.
- \cdot All transaction fees are borne by the applicant.
- All benefits will go into effect after receiving your application and deposit. We are limited by our conference schedule. If you apply after a schedule deadline, some benefits will not be available.
- \cdot Full payment of the sponsorship and exhibition must be made on time.

(4) Booth Assignment Order

- \cdot Booth location will be assigned in the order of sponsorship level and payment.
- \cdot Orders will be assigned on a first-come, first-served basis.

(5) Delegate Registration

Each registered company will receive two exhibitors passes per booth including access to the access to the welcome reception, opening / closing ceremony, lunch, and gala dinner.

SPONSORSHIP / EXHIBITION APPLICATION FORM

* Please send the completed form to the secretariat by email to cospar2017@cospar2017.org

1. Company / Organization Information

Company Name		
Address		
Country	Website	
Person in charge		
Name	Title	
Tel	Mobile	
Fax	Email	

2. Sponsorship

Level	Amount	Complimentary Booth Provided	Free Registration	Apply (Check "O")
Diamond	USD 13,500 (KRW 14,900,000)	Max 2 booths	3	
Gold	USD 9,000 (KRW 9,900,000)	Max 1 booth	2	
Silver	USD 7,000 (KRW 7,700,000)	Max 1 booth	1	
Partner Type 1	USD 5,000 (KRW 5,500,000)			
Partner Type 2	USD 3,000 (KRW 3,300,000)			
Total				

(For only Diamond, Gold, and Silver Sponsor) Please fill out the necessary booth number ______booth(s)
When major sponsor applies for extra booths besides those in the sponsorship packages, they should apply the exhibition as below.

3. Exhibition Booth

Package Name	Description	Price
Exhibition Booth (3m*3m)	Shell Scheme Booth	booth(s) X USD 3,000
Exhibition Booth (Shi Shi)	Space Only	00011(3) × 03D 3,000

4. Payment

COSPAR 2017 requires payment in full before we can confirm your company's participation at the symposium. The sooner you send your form, the greater exposure your company will get via all conference related correspondence and web presence.

5. Account Information

- · Bank Name : Kookmin Bank
- · Account Holder : The Korean Space Science Society
- · Account Number : 468401-04-184648
- · Swift Code : CZNBKRSE
- · Bank Address : 5th FL. Kookmin Bank Bldg. 84, Namdaemun-ro, Jung-gu, Seoul, Korea

I, as a representative of this formally registered company, agree to and respect all the rules and guidelines as a sponsor of the 3rd COSPAR Symposium.

Date (MM/DD/YY) : _

Signature : _



COSPAR 2017 Secretariat: Planex Lab. Inc.

#809, 245, Hannuri-daero, Sejong-si, 30127, Republic of Korea **Tel.** +82-44-862-7962 **Fax.** +82-44-862-7963 **E-mail** cospar2017@cospar2017.org **Website** www.cospar2017.org