

# Global Spectrum Management Forum 2021

## INVITATION

Greetings!

In the existing era of the 4<sup>th</sup> industrial revolution, as industries based on the radio frequency, such as those dealing with spread of artificial intelligence (AI) and commercialization of 5G, have been on the rise, it has become more vital than ever to provide a clean radio frequency environment by effective management of radio frequency.

At the 「Global Spectrum Management Forum 2021」, hosted by Central Radio Management Service of the Republic of Korea for the first time, to seek international cooperation, we would like to share various good practices and lessons to establish an effective radio frequency resource management system with the spectrum management organizations of each country.

Through this forum, we would be delighted to share the latest circumstances of radio frequency management, interference investigation, and processing technology.

In addition, we would like to conduct in-depth presentations and discussions with spectrum management experts from all over the world to understand the global radio frequency management flow and enhance cooperation.

In the wake of the COVID-19 pandemic, this year, we are inviting organization officials for online sessions. We solicit your interest and participation.

Yours faithfully,

Director General of Central Radio Management Service

Sanghun Lee



## Online Live Streaming Launch

September 7(Tue)~8(Wed), 2021 14:00-18:00/KST



Click Here

The GSMF 2021 official website is open!

\*Live streaming is available on the website  
for registered participants.

### How to Register

Step 1.

Go to the forum website

Step 2.

Click the "Registration"

Step 3.

Fill up the registration form

## DAY 1 9.7 / Tue

Time	Program	
14:00 ~ 14:40	Opening Remarks	Sanghun Lee Director General, Central Radio Management Service
	Keynote Speech	Kyu-jin Wee Chairman, Asia Pacific Telecommunity WRC Preparatory Group
	Group Photo (with Online and Offline participants)	
Session 1	Flow of Radio Frequency Management 	
[Topic 1] Global Trends of Radio Frequency Management		
14:40 ~ 14:55	Presentation 1	International Spectrum Management: ITU-R Standardization Joaquin Restrepo Capacity Building Coordinator, Radiocommunications Bureau, International Telecommunications Union
14:55 ~ 15:10	Presentation 2	Introduction of APT work programme on spectrum management and monitoring Daejung Kim Standard Planning Director, Telecommunications Technology Association
[Topic 2] Current Circumstances of Radio Frequency Management in Korea		
15:10 ~ 15:25	Presentation 1	Test Method for 28Ghz of 5G Base Station On Site OTA Inspection Sung soo Lim Associate Director, Korea Communications Agency
15:25 ~ 15:40	Presentation 2	Current Circumstances of Radio Frequency Management in the Republic of Korea Shin Gwan Kang Public Radio Operations Officer, Radio Management Division, Central Radio Management Service
15:40 ~ 16:00	Discussion	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University
16:00 ~ 16:10	Coffee Break	
Session 2	Present of Radio Frequency Monitoring 	
[Topic 1] Radio Frequency Monitoring Techniques		
16:10 ~ 16:25	Presentation 1	Advanced Radio Monitoring Techniques Gwang Moon Park Principal Member, Electronics and Telecommunications Research Institute
16:25 ~ 16:40	Presentation 2	Fixed & Mobile Radio Monitoring System Platform Hojin Ki Chief Manager, Electronic Warfare, LIIG Nex1
[Topic 2] Use case of Korea in aspect of Radio Frequency Monitoring Works (Central Radio Management Service)		
16:40 ~ 17:10	Video Clip 1	Process of Radio Frequency Monitoring
	Video Clip 2	Satellite Radio Monitoring Activity
17:10 ~ 17:30	Discussion	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University
Special Session	Radio Frequency Management & Monitoring of Overseas Country 	
17:30 ~ 17:40	Presentation 1	The Present and Future of Spectrum Management & Monitoring of Kyrgyz Republic Abdinasir Abdykalyk uulu Chief Specialist, State Communication Agency of Kyrgyz Republic
17:40 ~ 17:50	Presentation 2	Radio Frequency Management in Bolivia TBC Authority for the Regulation and Control of Telecommunications and Transport of Bolivia
17:50 ~ 18:00	Wrap-up Discussion	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University

Time	Program	
<b>Session 3</b>	<b>Future of Radio Frequency Monitoring</b> 	
14:00 ~ 14:15	<b>Presentation 1</b>	Future Technology for Spectrum Monitoring Byung Chan Kim Principal Researcher, Electronics and Telecommunications Research Institute
14:15 ~ 14:30	<b>Presentation 2</b>	Spectrum Monitoring System based on Spectrum Big-Data Sang Tae Kim CEO, HURA
14:30 ~ 14:50	<b>Discussion</b>	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University
14:50 ~ 15:00	<b>Coffee Break</b>	
<b>Session 4</b>	<b>International Cooperation</b> 	
15:00 ~ 15:15	<b>Presentation 1</b>	Result of joint search for earth stations in Korea and Oman Hwa Seok Oh Assistant Director, Satellite Management, Satellite Radio Monitoring Center
15:15 ~ 15:30	<b>Presentation 2</b>	ITU Regional Office Activities on Spectrum Management and RF Monitoring in the region(ITU) Aamir Riaz Programme Officer Asia and the Pacific, International Telecommunication Union
15:30 ~ 15:45	<b>Presentation 3</b>	Korean ODA Programs: Spectrum Management & ICT ODA(KISDI) Dongmin Yim Associate Fellow, Korea Information Society Development Institute
15:45 ~ 16:00	<b>Presentation 4</b>	World Friends Advisors Program(NIPA) Wan Soo Byun Director, National IT Industry Promotion Agency
16:00 ~ 16:30	<b>Discussion</b>	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University
<b>Special Session</b>	<b>Radio Frequency Management &amp; Monitoring of Overseas Country</b> 	
16:30 ~ 16:40	<b>Presentation 1</b>	Current Circumstances of Spectrum Management in Republic of Uganda Bogere Joseph Alfred Head Spectrum Management, Uganda Communications Commission
16:40 ~ 16:50	<b>Presentation 2</b>	Spectrum Management in People's Republic of Bangladesh Md. Sohel Rana Director, Spectrum Division, Bangladesh Telecommunication Regulatory Commission
16:50 ~ 17:00	<b>Wrap-up Discussion</b>	[Moderator] Il-kyoo Lee Professor, Division of Electric, Electronics & Control Eng., Kongju National University
At all times	<b>Promotion of Radio Frequency Management Companies (Forum official website)</b>	

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