

ITU Webinar on GSO Satellite Systems

Virtual event

11 November 2020

Welcome and Opening Remarks

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Good morning, good afternoon, and good evening to our distinguished speakers, as well as to all the participants who are joining this ITU-R webinar from around the world.

Over the past two months, we have hosted two episodes of our series of webinars on satellite related aspects, which were dedicated to preventing interference to satellite systems and to non-GSO Large Constellations for Broadband Applications. For each of those episodes, we counted with distinguished speakers from the space sector and an impressive audience surpassing 1500 participants, who connected over different media platforms from more than 120 countries.

I have noted with great pleasure that participants from industry and universities come equally from members and non-members of the ITU, and I hope that these webinars may convince non-members to have a closer look at the opportunities offered by an ITU membership. We are eager to welcome you into the ITU family very soon!

Today, it is my pleasure to welcome you to this third Episode in the series of ITU Satellite Webinars, this time dedicated to GSO Satellite Systems.

As you well know, Geostationary Satellites have a long history, from the first GSO satellites launched over the Atlantic in the 1960's for interoceanic telecommunications until today, when they are used for internet access, broadcasting, mobility, backhaul of telecommunications networks, emergency communications and meteorological purposes, reaching every single populated corner of the world.

Certainly, their resilience and broad coverage are playing an important role to achieve our goal to connect the 3.8 billions of people without access to the internet today.

The latest World Radio Conference WRC-19 took a number of decisions to improve the regulatory procedures for GSO Satellites so that Administrations are better positioned when coordinating, licensing or operating Earth Stations in Motion, with the objective to enable broadband connectivity to citizens onboard of ships, aircraft and land vehicles as well as to ensure their safety and security.

Also, the conference resolved to study possible additional resources for Earth Stations In Motion in the Ku band.

In preparation for WRC-23, studies are not limited to space to Earth or Earth to space links. The second meeting of Study Group-4 and its Working Parties that ended last week, is evaluating ways to improve space to space communications, including with GSO satellites so that the growing demand of traffic can be absorbed by using inter-satellite links and improving the efficiency in sharing the spectrum.

In summary, GSO Satellite Systems have both a long history and a bright future with the innovations in technology that the industry is bringing as we'll see today in this webinar.

Dear friends,

We are proud to count on distinguished experts and organizations supporting these webinars, and on you as a valuable audience.

Once again, I invite you to enjoy the webinar, participate actively in it, and more importantly, to apply the concepts that you will learn to assure that more and more citizens will have access to solid telecommunications and innovative services all over the world .

Have a nice webinar!