

ARISS Contact is Scheduled with Scouts at The Swiss National Scout Jamboree in the Goms Valley, Urlichen Switzerland August 1, 2022” Amateur Radio on the International Space Station (ARISS) has received schedule confirmation for an ARISS radio contact between an astronaut aboard the International Space Station

(ISS) and Swiss scouts at their national scout jamboree occurring in Goms Valley. ARISS conducts 60-80 of these special amateur radio contacts each year between students around the globe and crew members with ham radio licenses aboard the ISS.

The Swiss Guide and Scout Movement, Bern, Switzerland is hosting this ARISS contact for scouts that are attending the two-week-long Swiss national scout jamboree MOVA in the Goms Valley. About 35,000 scouts participate in this jamboree, coming from all over the country. This ARISS contact will have an audience consisting of male and female scouts and leaders, ages ranging between 7 and 28 years with various educational levels and STEM disciplines. Scouts will be participating in radio workshops (radio propagation and radio operation) during the jamboree. These workshops include Earth-Moon-Earth communication, and space communication technology. In the days that led up to the ISS contact, scouts have participated in demonstrations of amateur radio on the HF, VHF, and UHF ham bands that included their participation in amateur radio traffic. English, French, Italian and German are the languages expected to be used during the contact.

This will be a

direct

contact via Amateur

Radio allowing students to ask their questions of Astronaut Samantha Cristoforetti, amateur radio call sign IZ3~UDF. Local Covid-19 protocols are adhered to as applicable for each ARISS contact. The downlink frequency for this contact is 145.800 MHz and may be heard by listeners that are within the ISS-footprint that also encompasses the relay ground station.

The amateur radio ground station for this contact is in Goms Valley near Urlichen, Switzerland. Amateur radio operators using call sign HB9JAM, will operate the ground station to establish and maintain the ISS connection.

The ARISS radio contact is scheduled for August 3, 2022 at 2:23 pm CEST (Switzerland) (12:23:28 UTC, 8

:23 am EDT, 7

:23 am CDT, 6:23 am MDT, 5:23 am PDT).

The public is invited to watch the live stream at:

<https://www.youtube.com/channel/UCq64C8qJD-okYt->

[b_nwKUjA](https://www.youtube.com/channel/UCq64C8qJD-okYt-b_nwKUjA)

and <https://www.mova.ch/it/radio>.

As time allows, students will ask these questions:

1. Are present ISS crew members in scouts?
2. Kann man das Lagergelände von da oben sehen?
3. À quelle fréquence êtes-vous ravitaillés en aliments et boissons?
4. Questa è la tua seconda missione, ce ne sarà una terza?
5. How do you prepare your meals?
6. Was passiert bei einem medizinischen Notfall?
7. Que ressentez-vous en voyant la Terre de loin et cela a-t-il changé votre vision de l'humanité ?
8. Com'è stato indossare per la prima volta una tuta spaziale? È accogliente?
9. Is it hard to sleep in Zero G?
10. Wie redundant sind die Lebenserhaltungssysteme in einem Raumanzug?
11. Est-il difficile de manger en apesanteur?
12. Come si rinnova l'aria sulla ISS?
13. What is the coolest thing you can see from the ISS?
14. Haben Sie Freizeit? Was machen Sie in Ihrer Freizeit?
15. Les déchets sont-ils recyclés sur l'ISS?
16. Cosa ne pensi del turismo spaziale?
17. How much energy do the solar panels produce?
18. Was für ein Funkgerät benutzen Sie um mit uns zu sprechen?
19. Quelle est la chose la plus intéressante que vous avez faite sur l'ISS?
20. Ti piacerebbe volare sulla Luna?

Translation:

1. Are present ISS crew members in scouts?
2. Can you see the camp grounds from up there?
3. How often are you supplied with food and drink?
4. This is your second mission, will there be a third?
5. How do you prepare your meals?
6. What happens in a medical emergency?
7. How do you feel seeing the Earth from afar and has it changed your view of humanity?
8. What was it like wearing a spacesuit for the first time? Is it comfortable?
9. Is it hard to sleep in Zero G?
10. How redundant are the life support systems in a space suit?
11. Is it difficult to eat in weightlessness?
12. How is the air renewed on the ISS?
13. What is the coolest thing you can see from the ISS?
14. Do you have free time? What are you doing in your spare time?
15. Is waste recycled on the ISS?
16. What do you think about space tourism?
17. How much energy do the solar panels produce?
18. What radio are you using to speak to us?
19. What's the most interesting thing you've done on the ISS?
20. Would you like to fly to the Moon?

About ARISS:

Amateur Radio on the International Space Station (ARISS) is a cooperative venture of international amateur radio societies and the space agencies that support the International Space Station (ISS). In the United States, sponsors are the Radio Amateur Satellite Corporation (AMSAT), the American Radio Relay League (ARRL), the ISS National Lab-Space Station Explorers, Amateur Radio Digital Communications

(ARDC) and NASA's Space communications and Navigation program. The primary goal of ARISS is to promote exploration of science, technology, engineering, the arts, and mathematics topics. ARISS does this by organizing scheduled contacts via amateur radio between crew members aboard the ISS and students. Before and during these radio contacts, students, educators, parents, and communities take part in hands-on learning activities tied to space, space technologies, and amateur radio. For more information, see www.ariss.org

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