Using Accessibility Technology

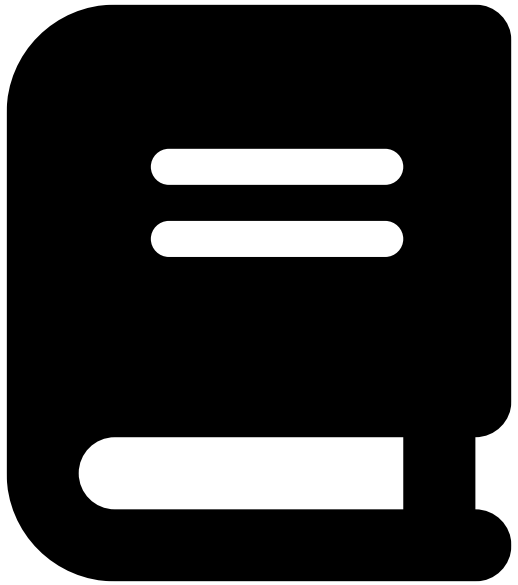
Dover Delaware Stake Conference

September 21, 2024

Kenneth Aycock, Stake Technology Specialist
ken.aycock@gmail.com



https://tech.churchofjesuschrist.org/wiki/Using_Accessibility_Technology



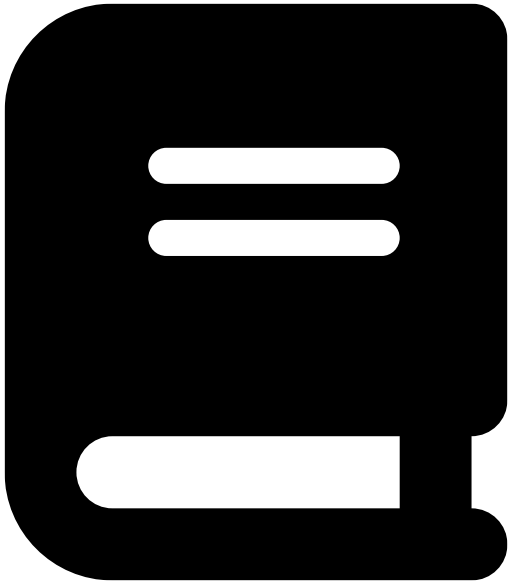
Doctrine



Technologies



Discussion



Doctrine



Doctrine

Doctrine and Covenants 90:11

"*For it shall come to pass in that day, that every man shall hear the fulness of the gospel in his own tongue, and in his own language, through those who are ordained unto this power, by the administration of the Comforter, shed forth upon them for the revelation of Jesus Christ.*"

Luke 15:4

"*What man of you, having an hundred sheep, if he lose one of them, doth not leave the ninety and nine in the wilderness, and go after that which is lost, until he find it?*"



Technologies

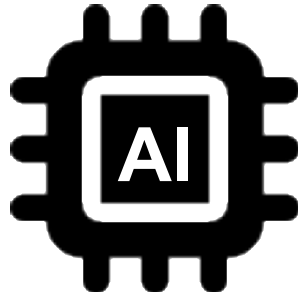




Assisted Listening



Live (Human) Interpretation



Machine Translation





Assisted Listening

Straining to Hear Each Sunday? Meetinghouse Listening Devices Dramatically Improve Participation

Contributed By Camille West, ChurchofJesusChrist.org Church News

15 SEPTEMBER 2017

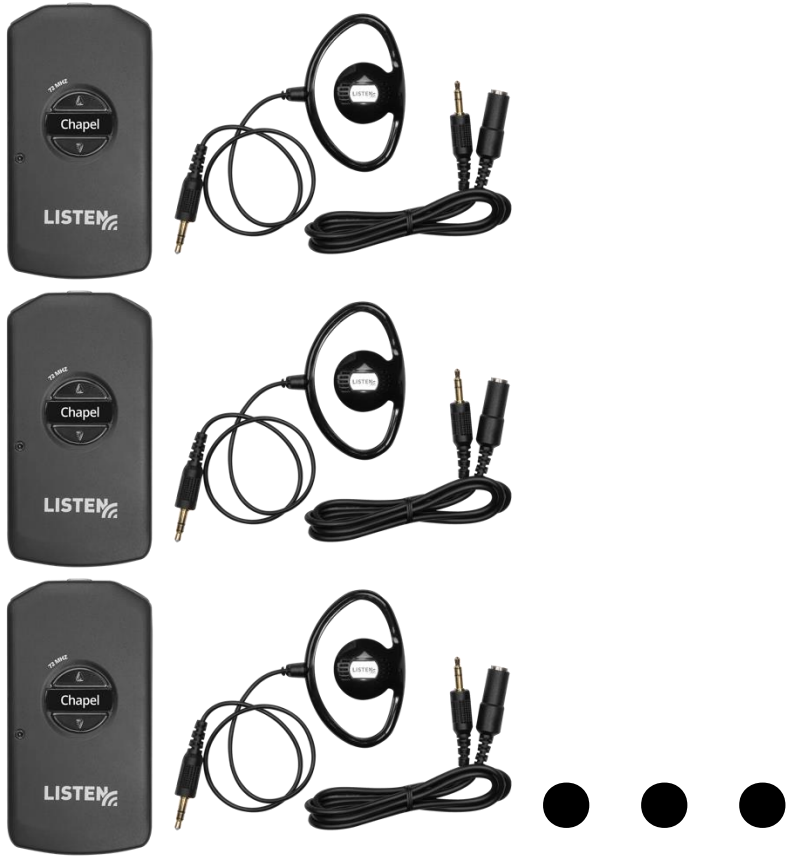


https://www.churchofjesuschrist.org/church/news/straining-to-hear-each-sunday-meetinghouse-listening-devices-dramatically-improve-participation

Assisted listening devices connect to chapel broadcast (≈local FM radio, 72MHz)







Additional/replacement assisted listening equipment available through facilities

Technologies

Assisted Listening Meeting House Transmitter
MH-800-072-01
Listen Technologies [redacted]



Assisted Listening Receiver includes headset, neckloop, and charger
MH-4200-072-P1
Listen Technologies [redacted]



Universal Antenna Kit (72 and 216 MHz)
LA-122
Listen Technologies [redacted]



Headphone
LA-401
Listen Technologies [redacted]



Personal receiver
MH-4200-072
Listen Technologies [redacted]







Live (Human) Interpretation

29.9

Interpreting for Meetings

The Lord wants everyone to understand the gospel in his or her own language (see Doctrine and Covenants 90:11). In stakes where members speak more than one native language, a member of the stake presidency may call a stake interpretation coordinator. A bishop may call ward interpreters.

For more information, see Church Interpretation Training and Best Practices at ChurchofJesusChrist.org.

Interpretation best practices available on Church website

Technologies

Church Interpretation Training and Best Practices



Interpretation

Interpretation in Wards and Branches

In contrast to the formal interpretation of General Conference and other major events, a less visible form of interpretation occurs regularly in wards and branches. The need for interpretation may arise in block meetings, stake conferences, social activities, interviews, home teaching visits, etc. Such interpretation efforts do not reach worldwide audiences, but they have significant impact in blessing the lives of individuals.

Getting Started

This site includes some basic information that will be of help to

DESCRIPTION	DOCUMENTS
1. Instructions for Interpreters	
2. Instructions for Priesthood Leaders	

https://www.churchofjesuschrist.org/callings/interpreter

Interpretation devices are a closed system (≈ one-way walkie-talkie)





Additional/replacement interpretation equipment available through facilities

Technologies

FM receiver - seek button channel selection with belt clip, no earphone, no batteries
PPA R37N, FM receiver
Williams Sound [redacted]



Headset microphone - mini-plug, mini headset plug
MIC 144, Headset microphone
Williams Sound [redacted]



Large area, portable FM transmitter, includes 1 WCA 013 audio cable, 1 ANT 021 antenna, TFP 036 power supply
PPA T27, Large area, portable FM transmitter
Williams Sound [redacted]



Pair of Black foam earpads
HED 023 , Foam earpads
Williams Sound [redacted]

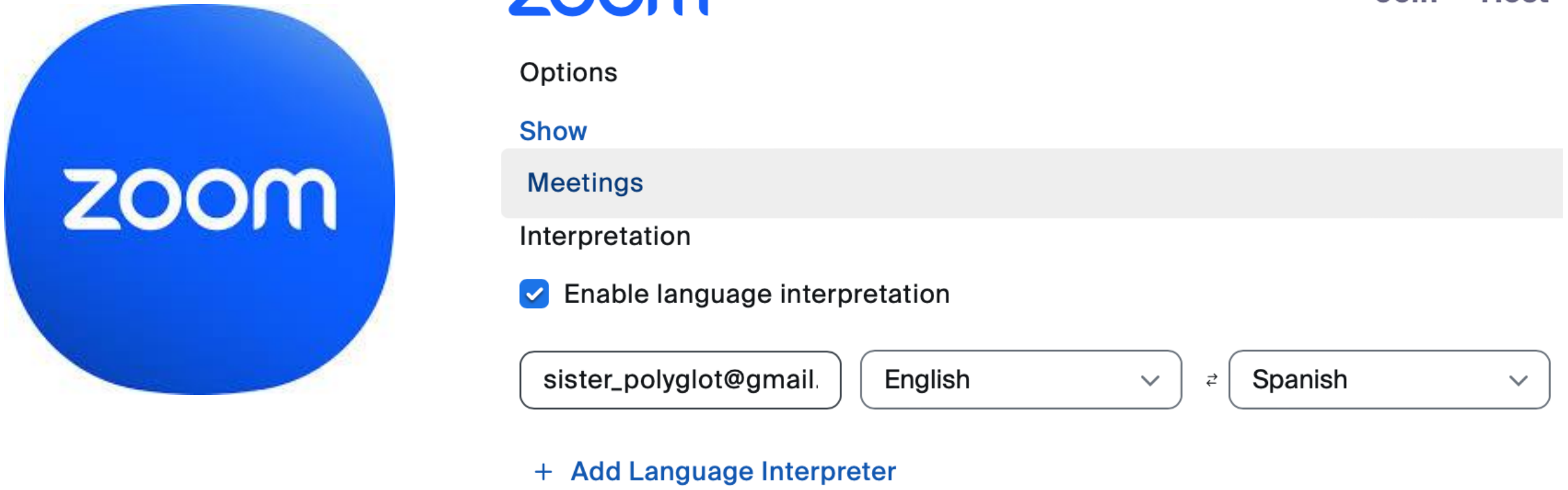


Ultimate, heavy duty folding mono headphone
HED 027, Folding mono headphone
Williams Sound [redacted]

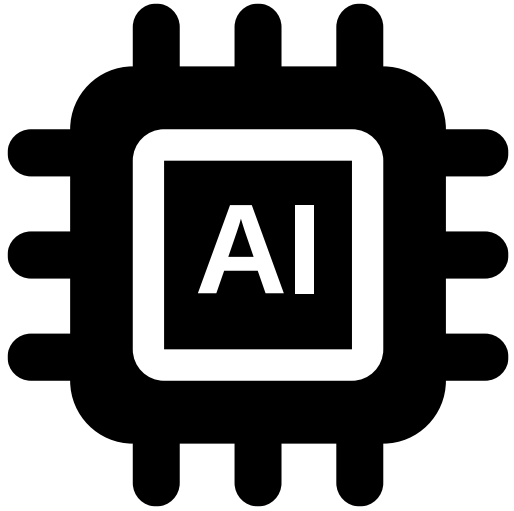


Zoom also supports adding live interpreter, second audio track

Technologies







Machine Translation

Machine translation available as stop-gap

















Machine translation available as stop-gap

Technologies

Microsoft Translator

Google Translate

Real-time translation

"...*through those who are ordained unto this power, by the administration of the Comforter, shed forth upon them for the revelation of Jesus Christ.*"





13 March 2024 - SALT LAKE CITY | News Release

Guiding Principles for the Church of Jesus Christ's Use of Artificial Intelligence

In a meeting with employees worldwide, Elder Gong urges reliance on the Spirit, wisdom, and trusted sources while using AI

While using Artificial Intelligence, *rely on*:

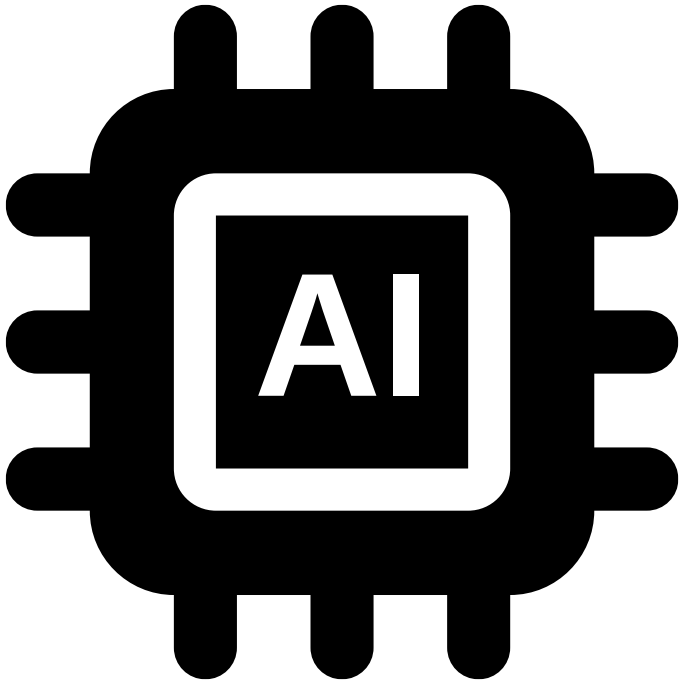
- The Spirit
- Wisdom
- Trusted Sources

Machine translation available as stop-gap



"The Church of Jesus Christ sees several opportunities with AI including in family history work, accelerating and automating processes, and ***great potential for language translation and interpretation****."*

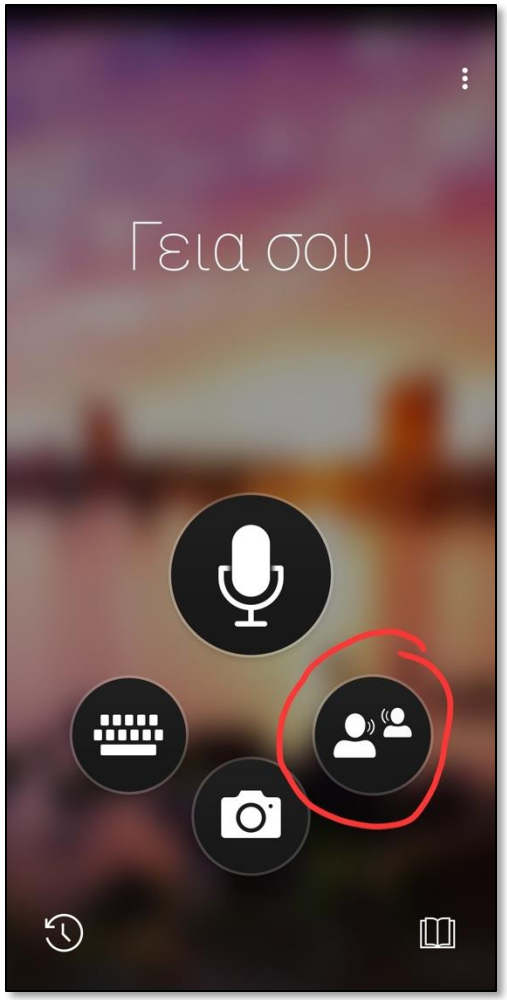
https://newsroom.churchofjesuschrist.org/article/church-jesus-christ-artificial-intelligence

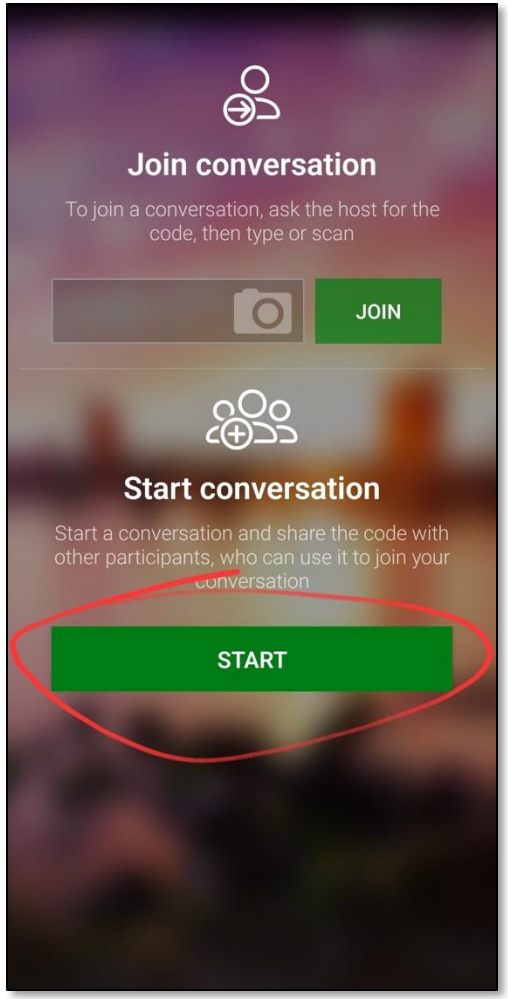


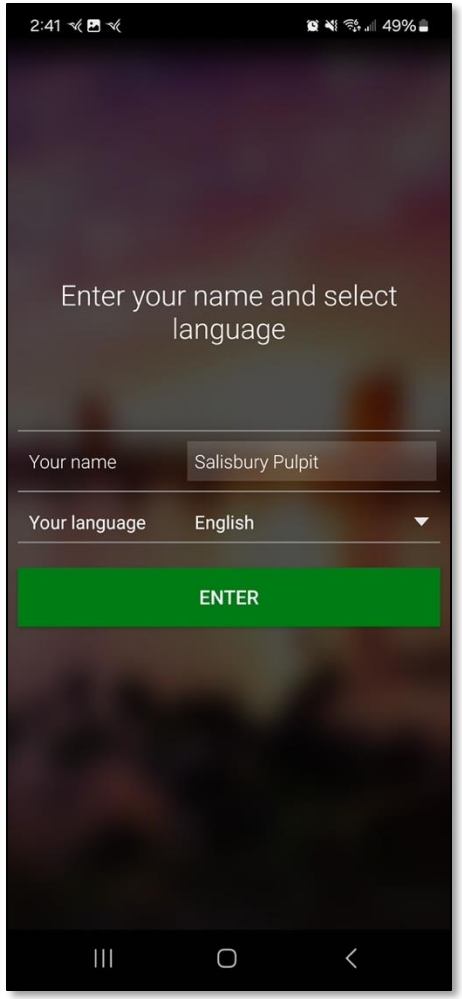
Demo

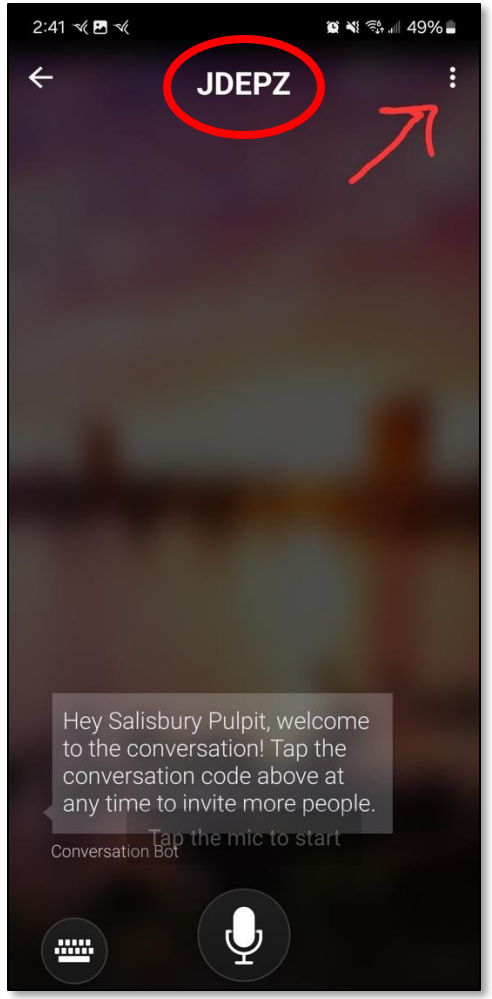
http://translate.local

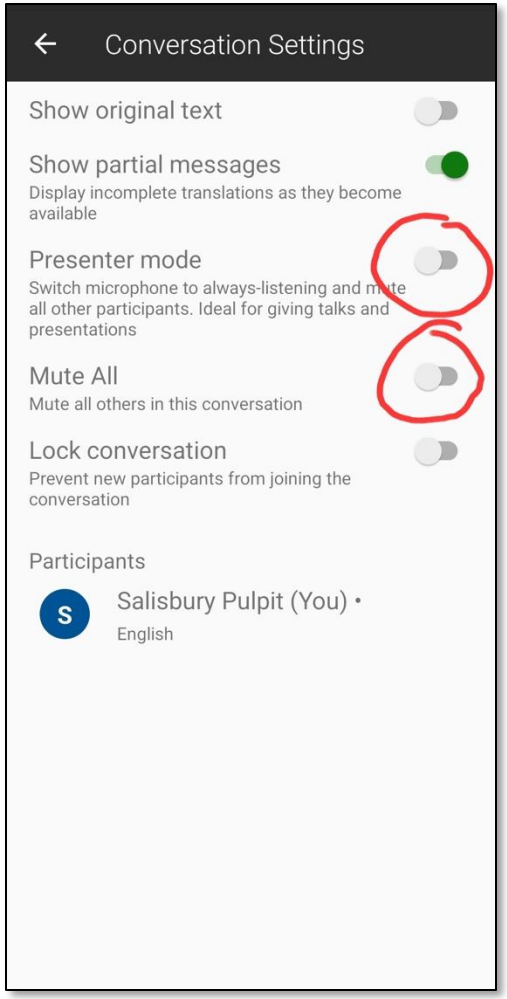
Microsoft Translator







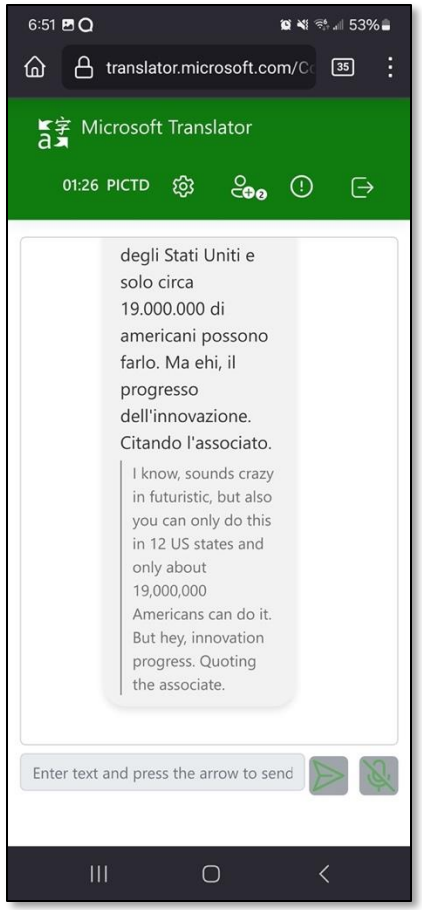




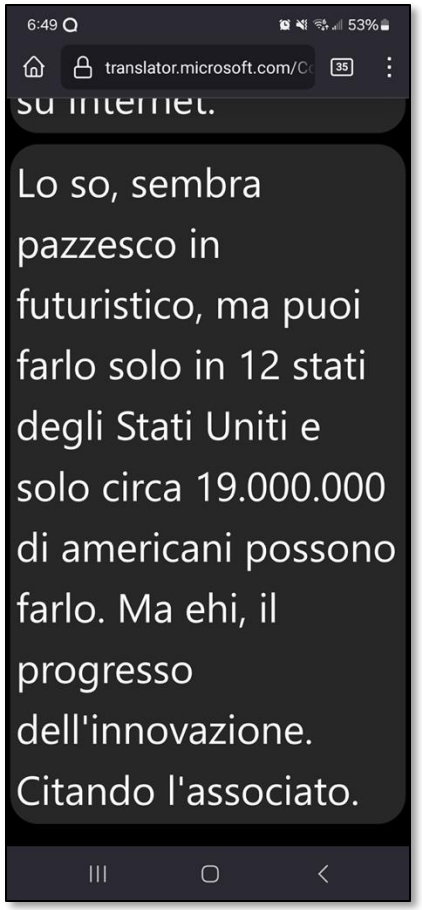
Use custom CSS to improve readability

- Default captions are too small and not optimal for TV display
- This can be improved using custom CSS:

1. Install Stylus for Firefox: https://addons.mozilla.org/en-US/firefox/addon/styl-us/
2. Install the style from: https://userstyles.world/style/15217/microsoft-translator-minimalist
3. Navigate to translate.it and join a conversation



before



after



Discussion

Additional resources

General

- https://tech.churchofjesuschrist.org/wiki/Using_Accessibility_Technology

Interpretation

- https://www.churchofjesuschrist.org/callings/church-interpretation-training-and-best-practices
- https://www.churchofjesuschrist.org/callings/interpreter

AI

- https://newsroom.churchofjesuschrist.org/article/church-jesus-christ-artificial-intelligence

Graphics Credit: FontAwesome