WEBINAR

VOXReality

HOW TO APPLY TO THE VOXREALITY OPEN CALL?

Join us for the second installment of our webinar info-sessions focusing on our open call!

Whether you're seeking **application advice** or eager to delve into **funding specifics**, our panel of experts is here to provide invaluable insights and address all your inquiries.

May 21st, 2024
11:00 - 12:00 CEST

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#VOXReality

Before we start

- The Webinar will be recorded
- Use the Q&A box to leave your questions

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Webinar agenda

- Welcome
- VOXReality Technologies
  - Yusuf Can Semerci, Maastricht University
- Overview of VOXReality Open Call an its objectives
- Q&A
- Closing remarks

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VOXReality Technologies and Open Call challenges

VOXReality

COMPANY

REPRESENTATIVE

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FSTP Manager

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Scientific and Technical Coordinator

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Objectives

1. Enhance **natural communication** among humans and between humans and machines on digital platforms such as **XR environments.**

2. Implement NLP models, which are **pre-trained, publicly available, optimized, multilingual, visually grounded** and **knowledgeable of the domain-specific needs** of applications in XR environments.

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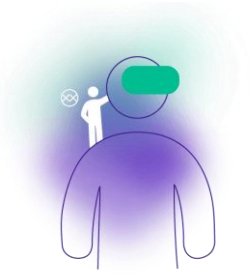
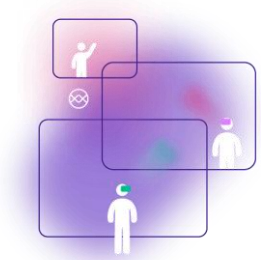
Use cases



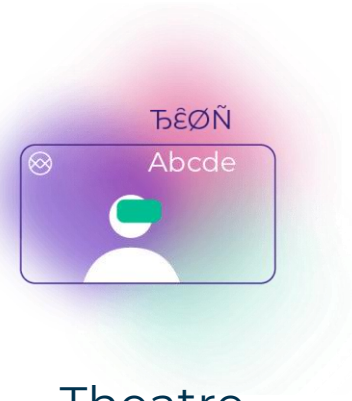
Digital Agent

Personal Assistants that are an emerging type of digital technology that seeks to support humans in their daily tasks, with their core functionalities related to human-to-machine interaction



Virtual Conferencing

Virtual Conferences that are completely hosted and run online, typically using a virtual conferencing platform that sets up a shared virtual environment, allowing their attendees to view or participate from anywhere in the world



Theatre

Theaters where VOXReality will combine language translation, audio-visual user associations and AR VFX triggered by predetermined speech

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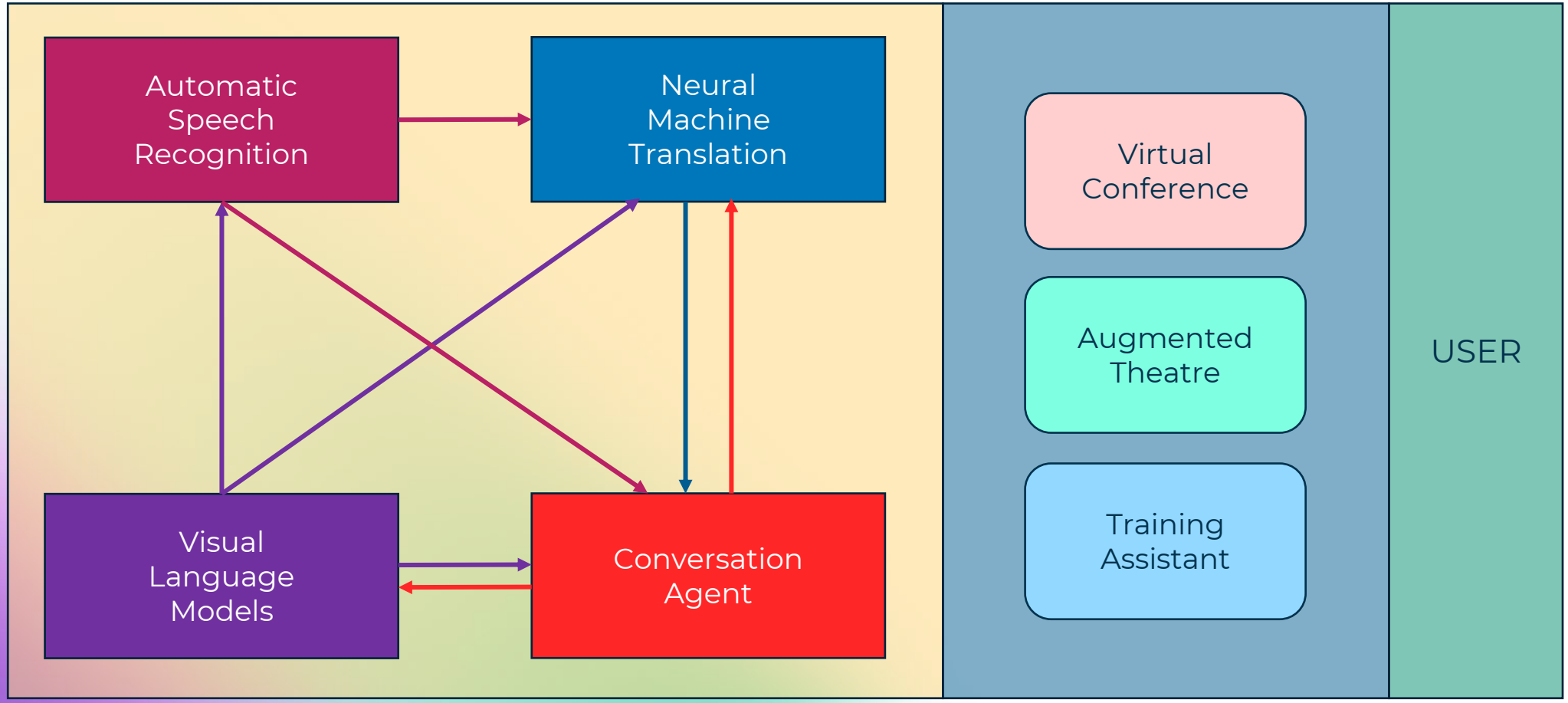
General Overview



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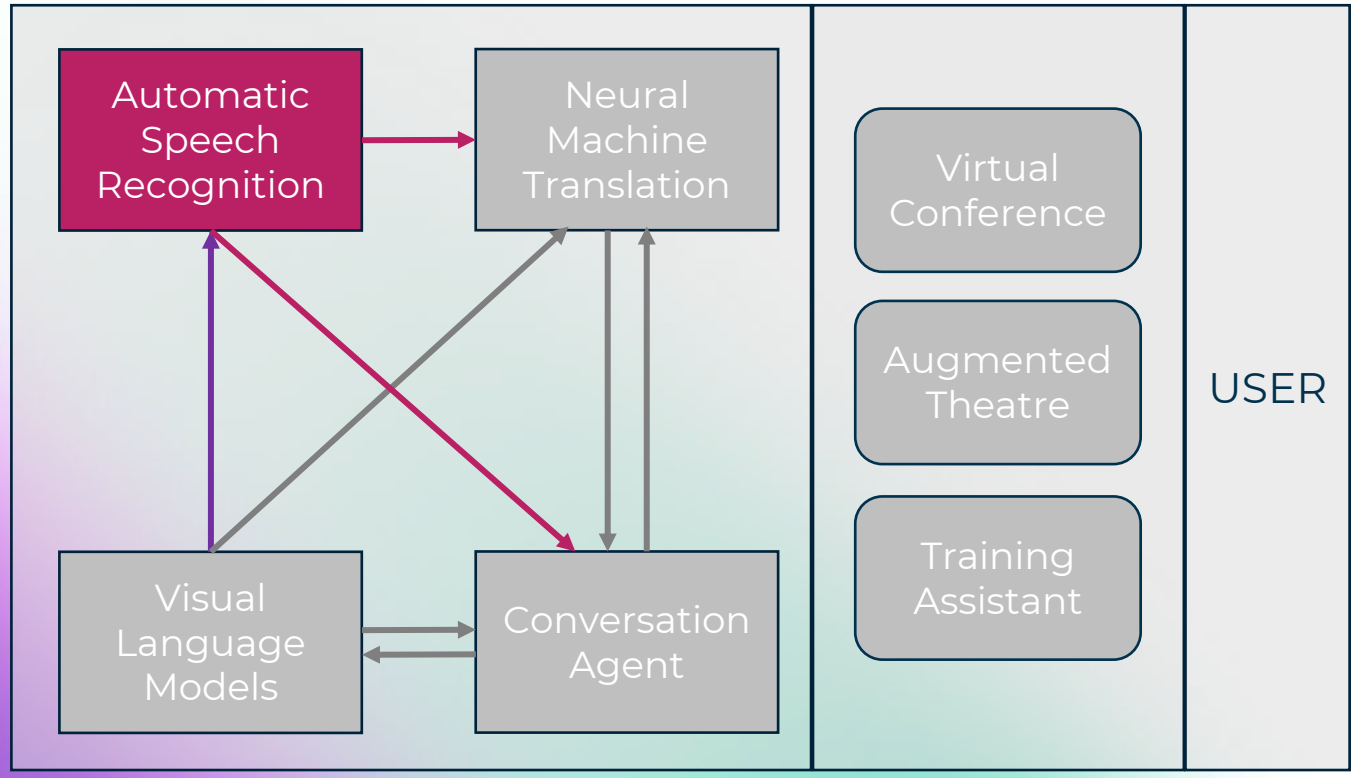
Automatic Speech Recognition



Key Concepts:

- Non-native Speech
- Script alignment
- Multilingual

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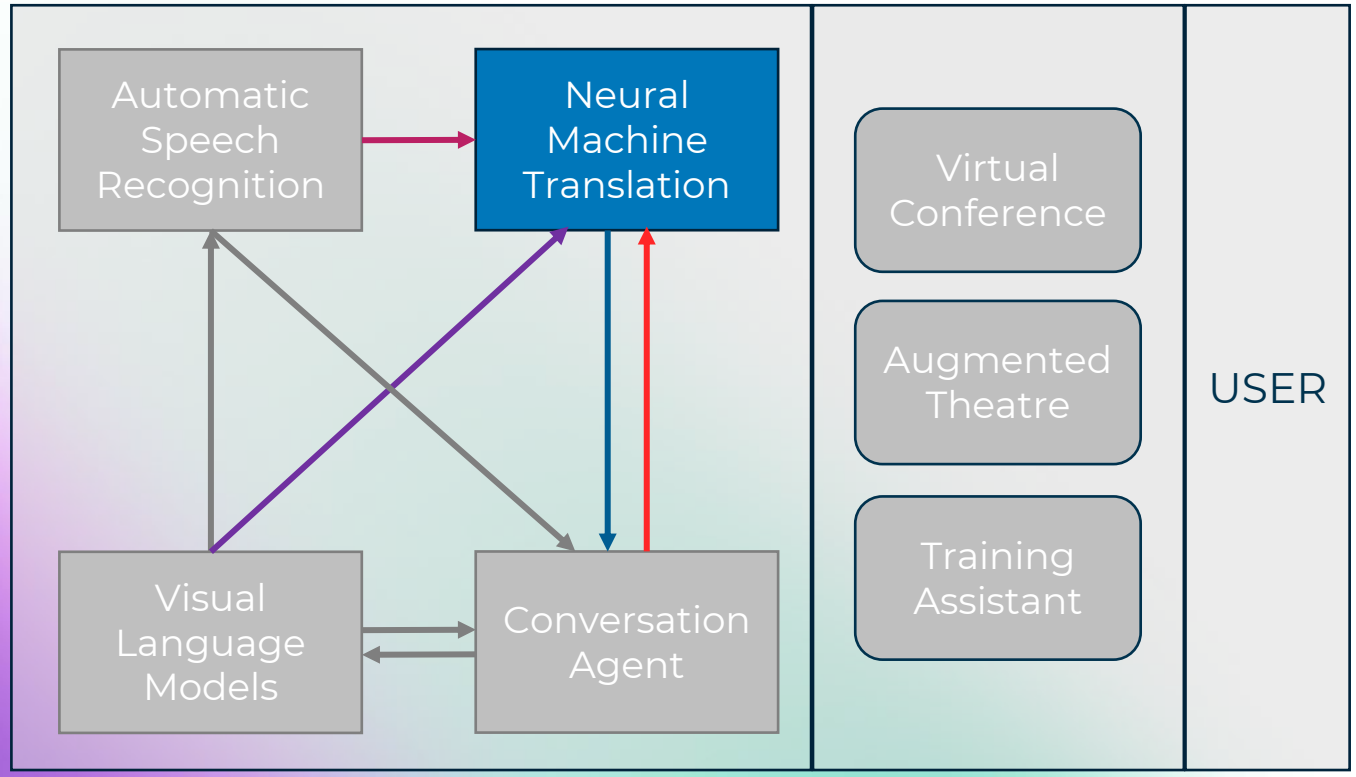
Neural Machine Translation



Key Concepts:

- Context-aware
- Greek Literary enhanced
- Multilingual

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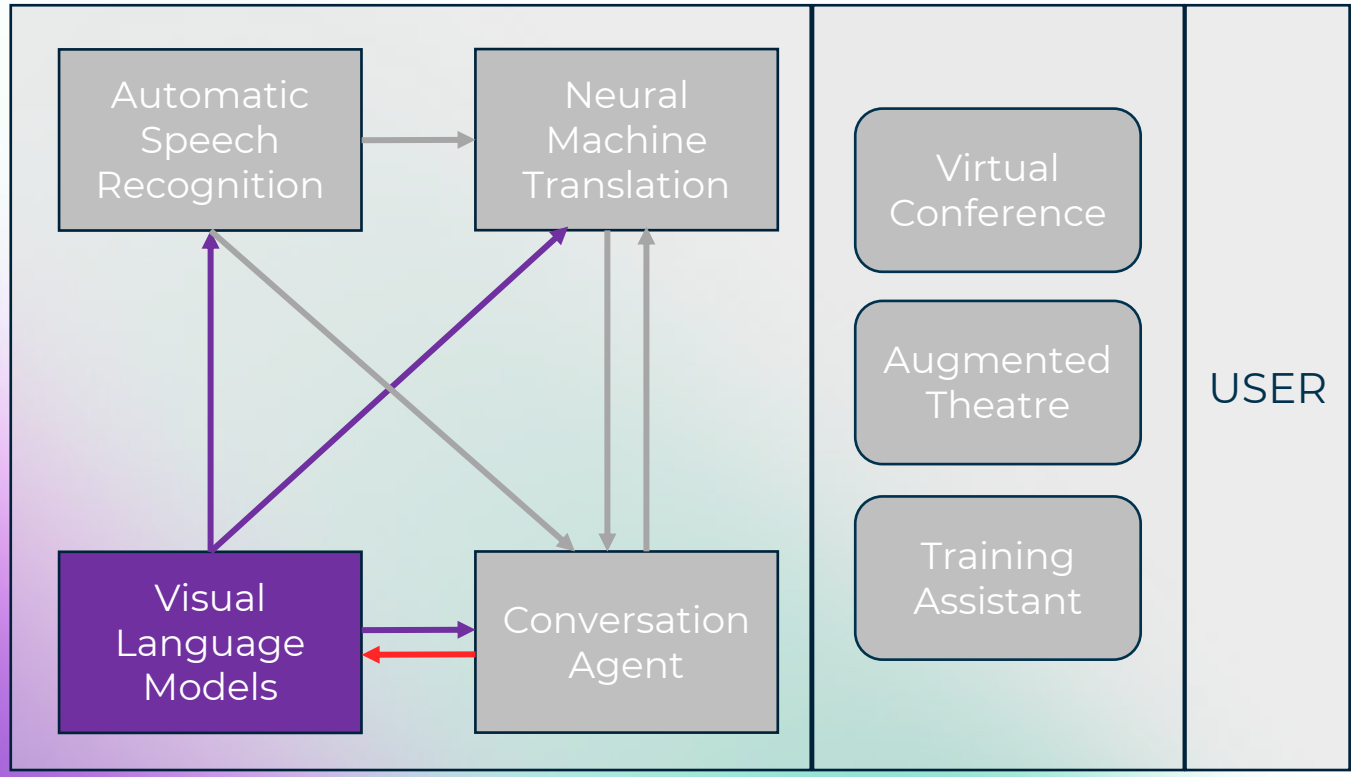
Visual Language Models



Key Concepts:

- Visual question answering
- Image and video captioning
- English only

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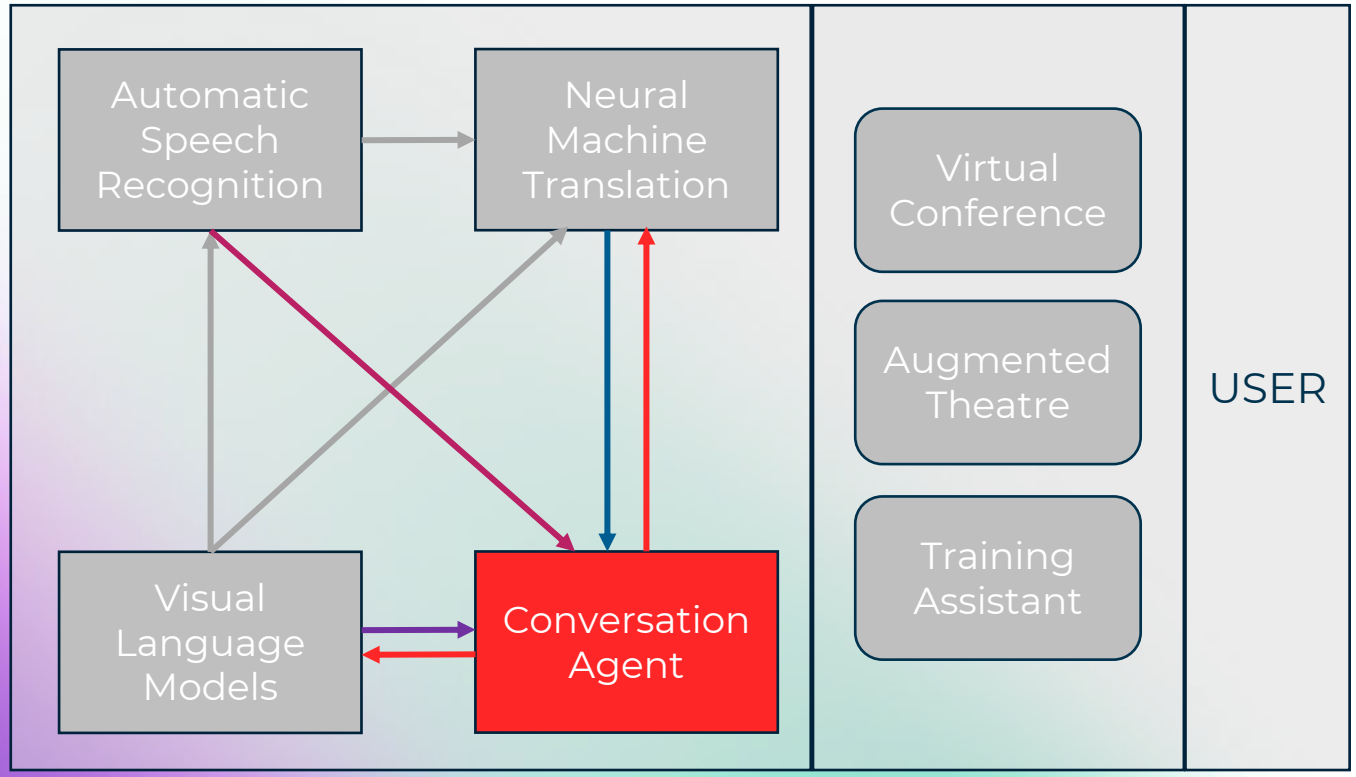
Conversation Agents



Key Concepts:

- Navigation instructions
- Training assistant
- English only

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OPEN CALL

From 5 April to 5 June 2024 17:00 CET

VOXReality

MORE INFO

Call objective: The goal is to integrate VOXReality models into new XR applications, thus advancing immersive experiences across various sectors.

- Integration challenge
- Extension challenge
- Full-cycle challenge

Available funding: **€1. 000.000 to fund 5 projects**
200K equitity-free funding

Eligible applicants:

- **Single entity**: Micro, small and medium-sized enterprises (SMEs); or
- **Consortium of maximum of 2 entities**: SMEs

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OPEN CALL

Challenges

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Integration Challenge

Integration of VOXReality models to new XR applications

- **At least one of the VOXReality models** (ASR, NMT, VL, CA) integrated into an XR application for **a fully operational functionality** (Software tests such as load testing, unit tests, etc. completed)
- A **scenario for user testing** prepared, including user testing protocols with **at least 30 users**
- A **comprehensive report** detailing the development, software test results, updates/fixes

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Extension Challenge

Extension of the VOXReality models

- **At least one of the VOXReality models** are utilized as a pretrained model
- A literature investigation is completed on one of the selected tasks:
  - Adding **new languages and directions** to improve the scope of the models
  - Integrating **new architectural components** to improve the performance of the models
  - Adapting the models to **new down-stream tasks** to improve the capabilities of the models.
- The new models are **tested against benchmarks** to present the performance and **tested with the original VOXReality tasks** to investigate if the models forgot their initial task
- A **comprehensive report** detailing the development, methodology, hyperparameters, test results, and discussion of their outcomes

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Full-cycle Challenge

Extension of the VOXReality models and the integration to a new XR application

- **At least one of the VOXReality models** are utilized as a pretrained model
- **At least one of the VOXReality models** (ASR, NMT, VL, CA) integrated into an XR application for **a fully operational functionality** (Software tests such as load testing, unit tests, etc. completed)

- A literature investigation is completed on the **selected enhancement tasks**

- A **scenario for user testing** prepared, including user testing protocols with **at least 5-10 users**
- The new models are **tested against benchmarks** to present the performance and **tested with the original VOXReality tasks** to investigate if the models forgot their initial task

- A **comprehensive report** detailing the development, software test results, methodology, hyperparameters, model test results, protocols, and user tests

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OPEN CALL

When does the VOXReality programme run?

VOXReality

Submissions via F6S platform

Evaluation & selection

Contracting

Call opening
5 April 2024

Deadline
5 June 2024
17:00 CEST

Winners announcement
June 2024

Start of the programme
July 2024

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OPEN CALL

How to apply?

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Step 1
Read Open Call 1 Guidelines

- Check **Open Call Guidelines for applicants** for full terms and conditions

- Available on the project website:

https://voxreality.eu/open-call/

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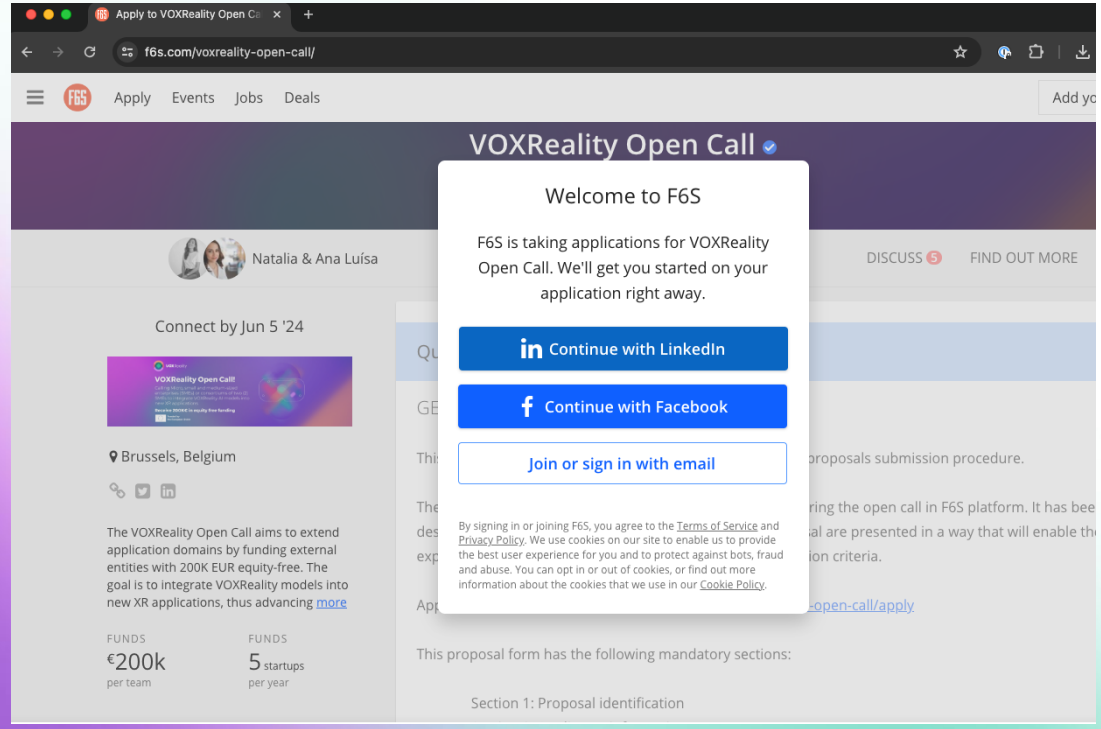
Step 2
Prepare your application



- Create a page for your company at the F6S platform
- Go to VOXReality pipeline https://www.f6s.com/voxreality-open-call/
- Start your application by inserting your proposal info, SME Legal Data and accepting the requirements to join VOXReality funding programme

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Step 3
Submit your application

- Describe your project following Proposal Template Download Annex 2 Technical proposal template
- Upload a completed PDF of your project as part of your online application form at F6S platform https://www.f6s.com/voxreality-open-call/apply
- Submit your application

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VOXReality Open Call documents to read

Please find all important documents on the open call website page:

- Guidelines for Applicants
- Annex 1 Application form
- Annex 2 Proposal Technical Annex
- Annex 3 Sub-Grant Agreement
- Annex 4/5 Declaration of Honour SME/ Consortium
- Annex 6 SME Self-Declaration
- Annex 7 Bank account information

- Check if you comply with **SME Qualification Criteria** (for more info, please read the European Commission Recommendation 2003/361/EC and the SME qualification guide)

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Q&A Session

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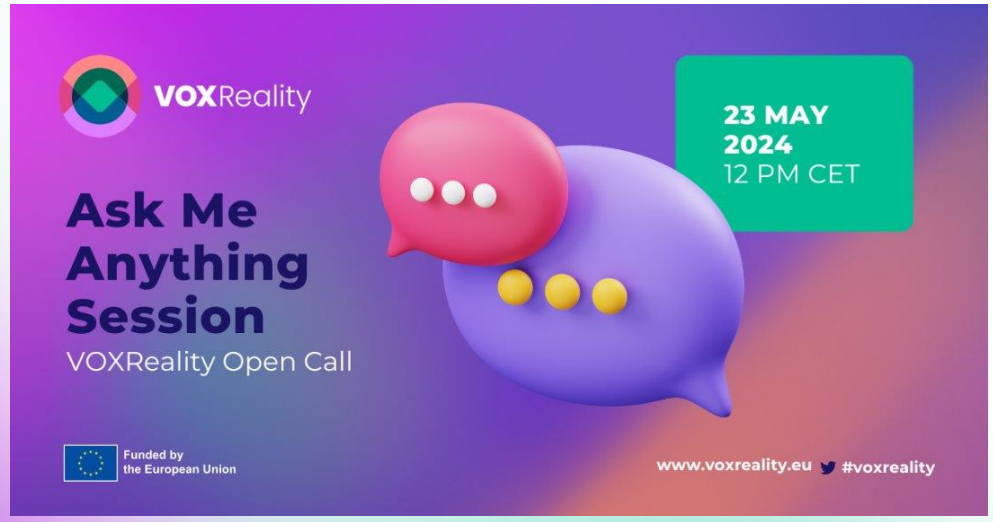
Need more info?



- You can find all Open Call Terms and Conditions on the project website: **https://voxreality.eu/open-call/**
- Ask questions directly in the F6S Discussion Pannel: **https://www.f6s.com/voxreality-open-call/discuss**
- **Ask Me Anything Sessions 30 minutes** with VOXReality team NEXT 23 MAY 12CET https://meet.google.com/vwh-oemz-dpc
- F6S support team (for platform issues during the application): **support@f6s.com**

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Thank you

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