

The Rise of Visual Conversational AI



POWERED BY



OCTOBER 2025

📍 北京

QCon

全球软件开发大会

会议时间：4月10-12日

- 大模型赋能 AIOps
- 越挫越勇的大前端
- 云上业务架构演进
- 多模态大模型及应用
- 海外 AI 应用创新实践

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AICon

全球人工智能开发与应用大会

会议时间：6月27-28日

- 端侧智能
- AI Agent
- 多模态大模型
- 金融+大模型

📍 上海

QCon

全球软件开发大会

会议时间：10月23-25日

- AI Agent
- 大模型训练推理
- 端侧 AI
- 搜推深度融合
- 数智金融

4月

5月

6月

8月

10月

12月

📍 上海

AICon

全球人工智能开发与应用大会

会议时间：5月23-24日

- 通用大模型
- AI Agent
- 垂直领域应用
- 模型可解释性

📍 深圳

AICon

全球人工智能开发与应用大会

会议时间：8月22-23日

- 模型效率与部署
- 多模态大模型
- 大模型安全
- 智能硬件

📍 北京

AICon

全球人工智能开发与应用大会

会议时间：12月19-20日

- 通用大模型
- 智能硬件
- LMOps
- 具身智能

极客邦科技 2025 年会议规划

促进软件开发及相关领域知识与创新的传播



参会咨询

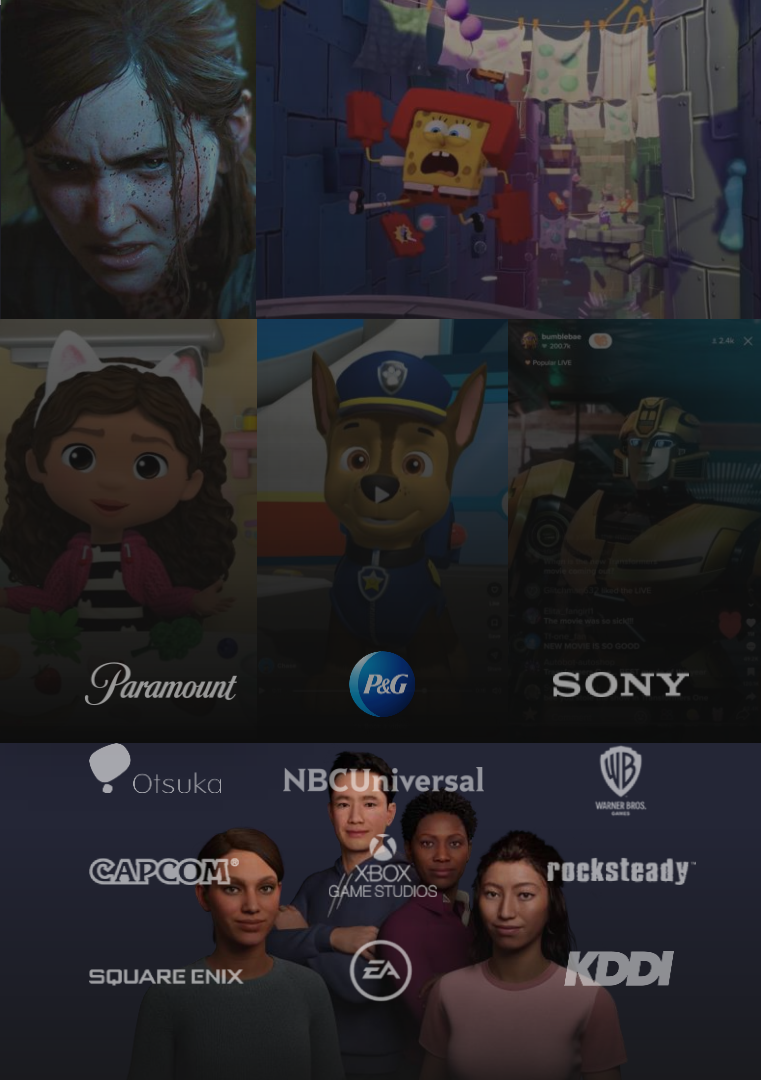


查看会议

From University spin out to global leader

SPEECH GRAPHICS





ABOUT SPEECH GRAPHICS | RAPPORT

The **leading platform** for AI-powered character animation.

- The #1 audio-driven animation platform for the AAA video games. Licensed to 9 out of 10 of top global game publishers.
- The all-in-one AI animation platform trusted by top global brand characters
- Proved that our core AI technology delivers on its promise of speech analysis, emotive accurate expressions & lip sync that resonates with users.

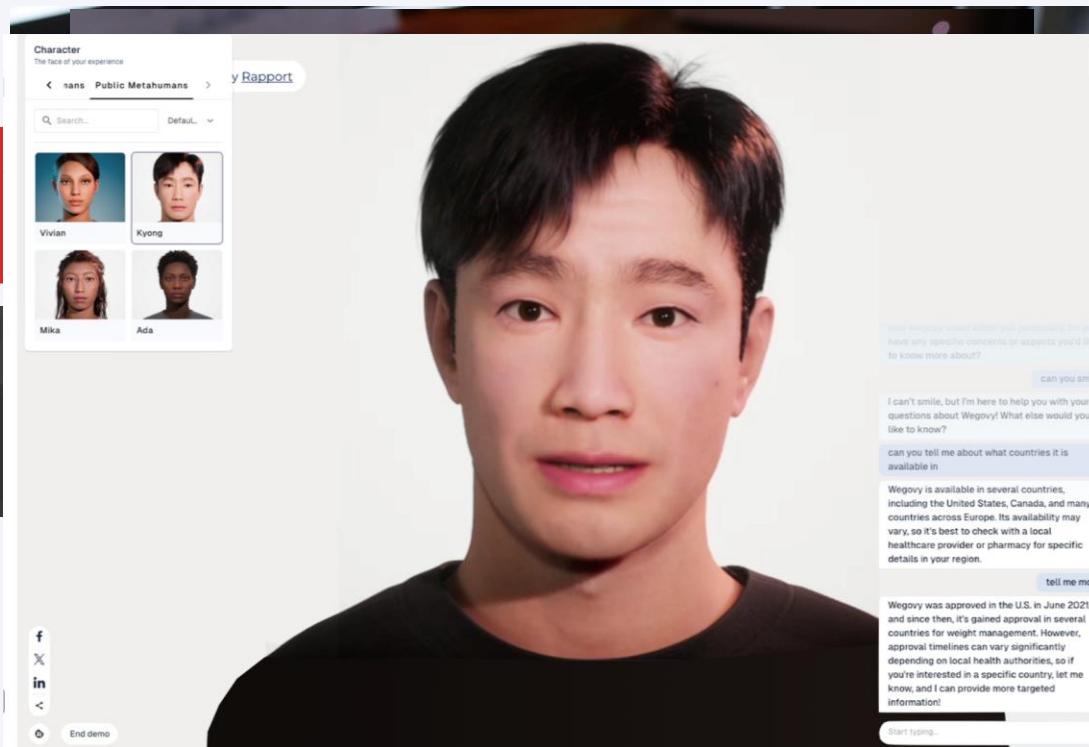


From Keys to AI Avatars

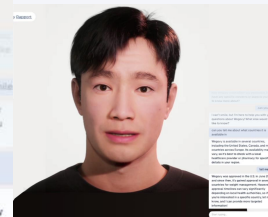
Keyboard



- First PCs
- DOS



Avatar



Rapport

Why Visual Conversational AI matters now



6h58m

is the average screen time of adults worldwide

Our Media is now **Visual**.
Douyin, TikTok, Instagram

61%

of professionals chat with AI for learning & work.

Conversation is the new UI as we interact
with devices through language.
ChatGPT, Siri

Challenges

Building an engaging experience is hard



Latency

- 250ms feels human
- Every step adds latency
- TTS, ASR, LLM, Rendering
- Engagement drops with latency



Avatar Choices

- Avatar choice impacts experience
- Uncanny vs comfortable
- Cold vs Warm
- Photoreal vs Stylised



Costs

- Techstack relies on GPUs
- Constant streaming of TTS and Video
- Always on Microphone

Building integrated AI and avatar tech is extremely complex.

Rapport makes it simple and scalable.



Generate high-fidelity, expressive **animations from audio** and emotional detection.



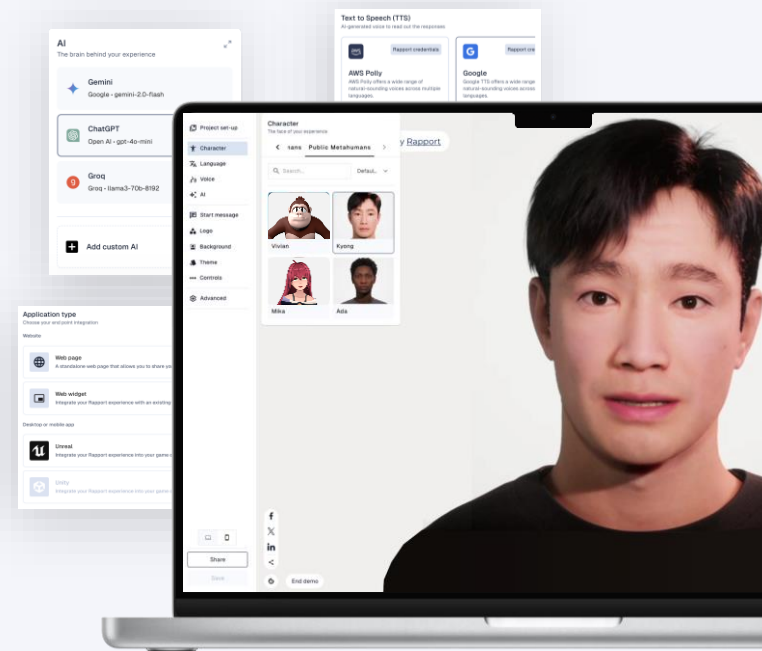
Fully integrated with any AI or text-to-speech solution, in any language



Agnostic of character style, adapts to realistic to stylized, human to non-human



Deploy anywhere (web, mobile, Unity, Unreal) with security and scalability for enterprise.





3 ELEMENTS OF VISUAL CONVERSATIONAL AI



Speech and Language



Lip Sync and Expression



Real-time Behaviour Modelling

Speech and Language

- **Speech Recognition:** Transforms spoken words into accurate digital text.
- **Natural Language Understanding:** Captures meaning, intent, and context.
- **Natural Language Generation:** Creates fluent, human-like responses.
- **Voice Synthesis:** Produces realistic, expressive voices for interaction.

The rapid progress in speech and language technologies, powered by the LLM revolution, is transforming how we communicate with machines. Interactions are becoming more natural, conversational, and human-centered than ever before.



Lip Sync and Expression

- **Accurate Lip Sync:** Matches voice to precise mouth movements for natural communication.
- **Audio-Driven Analysis:** Interprets speech tone, pace, and emotion to drive realistic animation.
- **Emotional Expression:** Conveys subtle feelings through facial cues and micro expressions.
- **Body Movement and Gestures:** Integrates natural posture and motion to enhance experience.

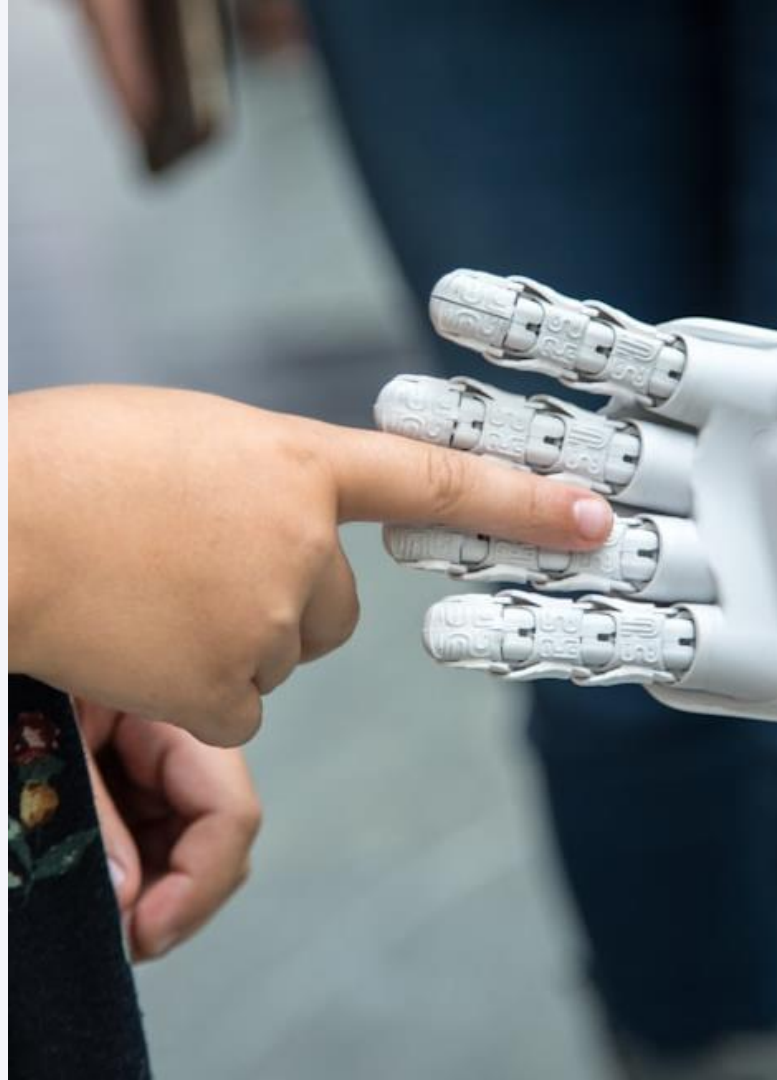
Interactive AI Avatar use audio-driven animation to synchronize voice, emotion, and movement, creating lifelike, responsive digital interactions that feel genuinely human.



Real-Time Behaviour Modelling

- **Active Listening:** Processes user speech in real time to detect intent, tone, and emotion.
- **Contextual Understanding:** Integrates AI output to interpret conversation flow and context.
- **Dynamic Response Generation:** Coordinates verbal and non-verbal reactions instantly.
- **Adaptive Behaviour:** Adjusts facial expressions, gaze, and gestures based on live interaction cues.

Real-time behaviour modelling enables avatars to speak, listen, and react naturally, creating fluid, human-like conversational experiences driven by both user input and AI intelligence.

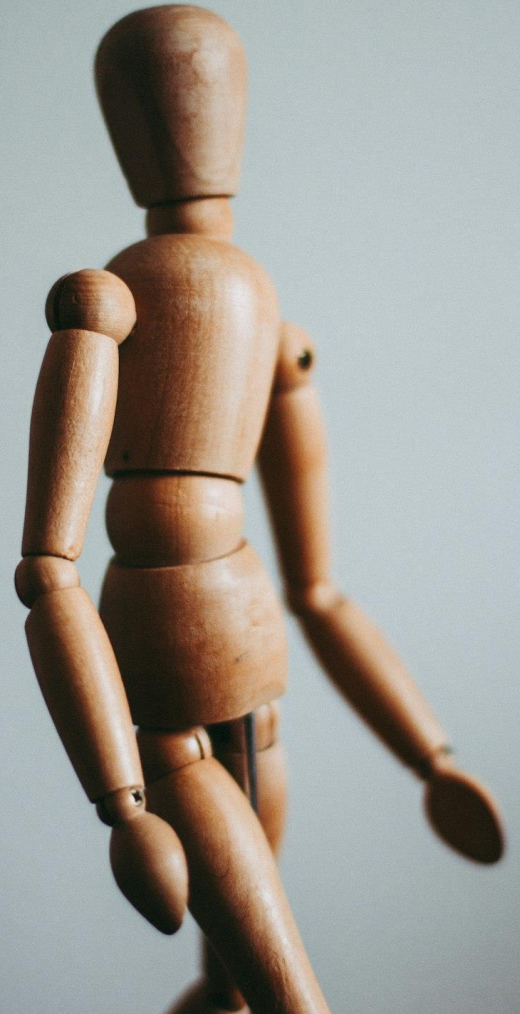


Trust your Avatar

- **Embodiment and Presence:** Lifelike avatars create a sense of real connection.
- **Proven by Research:** Human-like interaction significantly increases trust and engagement.
- **Better Outcomes:** Greater trust leads to improved communication, learning, and decision-making.

Embodied avatars, those that exhibit human-like appearance and behavior, are more likely to elicit trust from users. For instance, a study in the hospitality industry found that both cognitive and emotional trust in avatars significantly influenced customer experience, brand loyalty, and overall satisfaction

**ResearchGate*



USE CASE HIGHLIGHT

Entertainment: Location based and Kiosks



Our clients are creating interactive location-based experiences such as Madame Tussauds recreating well known historical figures that visitors chat with.

USE CASE HIGHLIGHT

Marketing & CX: Customer experience AI agent avatars

MODELS

SHOPPING TOOLS

INVENTORY

SERVICES



CURRENT OFFERS

BUILD AND PRICE

SHOP ONLINE 

2025 GIULIA TRIBUTO ITALIANO RWD

Models

Exterior

Interior

Packages

Powertrain

Summary





19-inch x 8.0-Inch Dark 5-Hole Aluminum Wheels
Standard

Yeah! I like that a lot

Excellent choice! Now, let's move on to the wheels. You can stick with the strong, standard Dark 5-Hole 19-inch aluminum wheels, or go for the bolder, staggered Upgrade. Here's how the upgrade looks. What do you think?

oooo, I love the upgraded wheels. Let's go with that

Fantastic choice! Now let's schedule some time for you to come into the showroom to see this combination in person. How does your week look?

I am free Tuesday at 12pm, does that work?

Great! I've booked that time with the showroom. I'll send you the confirmation and the directions

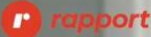


 Press and hold to talk

Rapport is partnering with DruidAI, leading AI agent company, to integrate and deploy avatars across their customer experience enterprise portfolio

USE CASE HIGHLIGHT

HR and Corporate Learning: Management training



Resolving Peer-to-Peer Conflict Roleplay

Your role: Manager

Avatar role: Jordan, employee having conflict with coworker named Taylor

Your goal: Guide Jordan from a defensive mindset toward a collaborative one. Get her to agree to a meeting with you and Taylor.

Time: 5 exchanges with Jordan (approx 3 min) in order to generate an insights report.

Skills measured include Active Listening, Empathy, Problem Solving, Conflict Resolution, Persuasion.

Discuss the problem and issues.

I hear your frustration and appreciate your commitment to keeping our spirits high. It sounds exhausting to feel like you're having to re-work. Can you give me a specific example of a work-styles clash so I can better understand?

Thanks for understanding. For instance, Taylor often submits work that's below our agreed-upon standards, requiring extra revisions. It feels like I'm stuck fixing things instead of moving forward. It's all about ensuring project quality, but it's draining.

Press and hold to talk

Summary

You seem to be a neutral and empathetic person, able to understand different perspectives in a conversation, as you acknowledged both The Avatar's and Taylor's points of view, and you suggested a meeting, indicating that you value finding a resolution and are willing to facilitate a discussion to achieve that goal.

R-INDEX

7

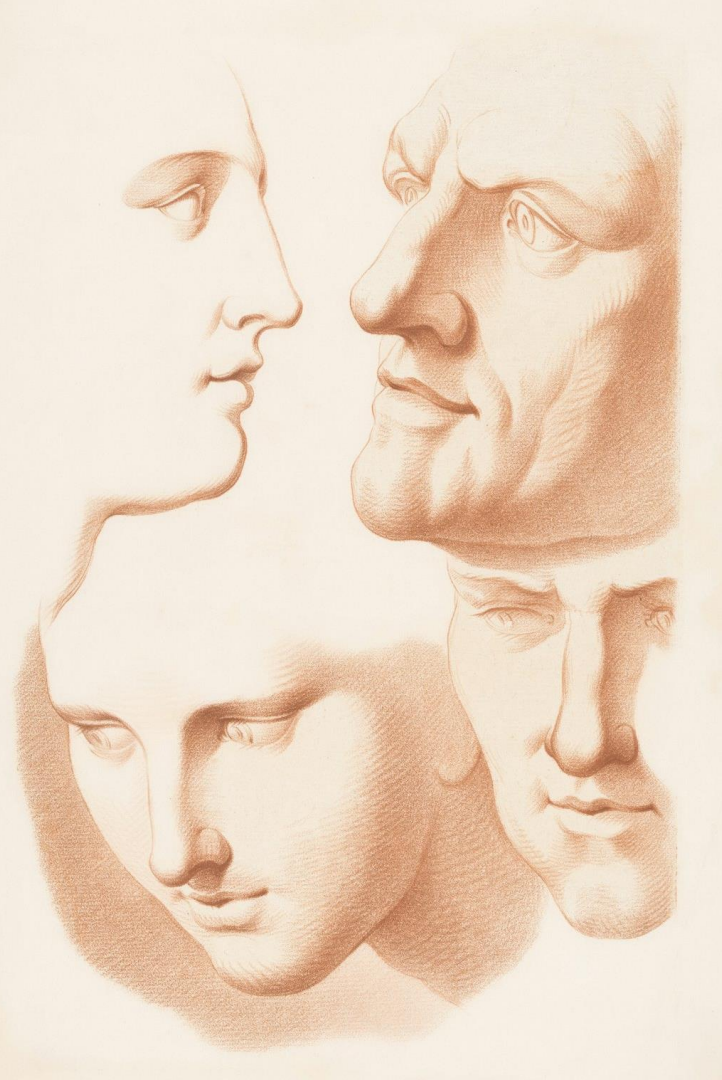
The R-Index measures your performance relative to an ideal response that demonstrates all the skills below.

Main Skill	Sub Skill Details
Main Skill 1: Acknowledge Your Experience	Subskill: Subskill 1: Recognize Emotions Reasoning: The Avatar shows some awareness of the emotional state but doesn't delve deeper into the emotions or show empathy towards Taylor's feelings. Example: The Avatar acknowledges that things have been "challenging" and "tough", but doesn't fully explore the emotional impact. Suggestion/Feedback: Actively listen to the customer's emotions and demonstrate empathy by acknowledging the frustration or disappointment.
	Subskill: Subskill 2: Express Immediate Concern Reasoning: The Avatar focuses on the project and standards rather than showing concern for the interpersonal issues. Example: The Avatar doesn't express concern about the situation; stays detached and impersonal. Suggestion/Feedback: Immediately express genuine concern about the issue and show that it matters personally.

For HR and L&D leaders, Rapport delivers personalized, real-time soft skills training with measurable and trackable insight reports

SPEECH GRAPHICS





The Future Is Interactive

THANK YOU

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**Rapport is the leader in visual
conversational AI.**

**Gregor Hofer, CEO
gregor@rapport.cloud**