

Wild dreams and small routines: AI imaginaries and mundanity in the everyday experiences of genAI Replika bot users

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ABSTRACT

With the rise of generative AI (genAI) models such as ChatGPT, communicative interactions between humans and machines are everyday experiences for large masses of people. While there is a growing body of research examining users' perspectives of such systems, there is still much to be understood about users' lived experiences with communicative AI. Our thematic analysis of twenty (20) qualitative interviews with keen and daily female Replika users provides evidence of the coexistence and close entanglements between AI imaginaries and mundane experiences with the chatbots. On the one hand, the users had extraordinary experiences with Replika by assigning sci-fi imaginaries, conspiracy theories and hype to the capabilities of the bot, which they even perceived to have feelings and consciousness; on the other hand, they shared mundane experiences with the bot, such as doing the daily shop or chores and reaffirmed their belief that Replika is simply a machine. We analyze our findings through Ortoleva's concept of 'low-intensity myth' to explain the apparently conflicting dimensions of people's perceptions of AI, and we argue that the low-intensity myth of AI provides an opportunity for Replika users to rise above the banality of everyday experience, while at the same time remaining firmly anchored to it. Mundanity doesn't erase the extraordinariness of interacting with Replika but rather integrates it, helping users domesticate the bot. The findings of the study illuminate the lived experiences of daily female genAI users and have implications for policymakers to help ensure that AI remains beneficial for users and societies.

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Introduction

With the rise of generative AI (gen AI) platforms such as ChatGPT, communicative interactions between humans and machines have become an everyday experience for large masses of people around the world. An important body of research in areas such

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as Computer-Mediated Communication and Human-Machine Communication has explored users' perspectives of systems, including voice assistants and chatbots preceding the rise of ChatGPT (e.g., Guzman, 2015). Yet much needs to be done to understand users' lived experiences with communicative AI at a time when chatbots and artificial agents powered by Large Language Models (LLMs) have become much more sophisticated and credible. In particular, existing research has applied more frequently quantitative methods (Skjuve et al., 2024) and largely focused on the motivations of early adopters (Mogavi et al., 2024). Notwithstanding some significant exceptions, qualitative studies remain relatively scarce, and many dimensions of users' experiences with AI bots need to be explored in more depth and with a better acknowledgement of their embeddedness in everyday experiences and lives. This is an important gap, since our capacity to understand these experiences will shape the ability of stakeholders and policymakers to help ensure that these technologies remain beneficial for users and for societies at large.

This study contributes to this endeavor by examining how the relationships between users' imaginaries and their mundane experiences inform uses and perceptions of communicative AI. We conducted twenty qualitative interviews with female users of Replika, an AI companion chatbot that offers users the opportunity to experiment with social, emotional and erotic engagements with a machine. Scholars such as Andrea L. Guzman (2018) had previously lamented that the widespread representations of AI as humanlike or superhuman may jeopardize our capacity to consider the ordinary uses that people make of these technologies. In our study, we found that for many participants, the activation of science fiction-like imaginaries and discourses *sustained* rather than contrasted with the process of integrating Replika into the core of their everyday experience. Ideas including artificial consciousness, the capacity of AI to feel emotions, and singularity were not opposed, but were instrumental to the users' domestication of the bot.

To explain and theoretically frame these findings, we apply the concept of 'low-intensity myths,' introduced by Italian theorist Peppino Ortoleva (2019). Ortoleva argues that older societies' reliance on religious or traditional myths has been superseded in contemporary societies by a more subtle type of mythical narratives, which demand less firm commitment and belief from people. Low-intensity myths respond to people's enduring need to bring together their lived experience with existential questions that defy simple answers. By applying this notion, we argue that the capacity of AI technologies such as Replika to become mundane, in other words, to enter into the familiar and be domesticated as part of people's everyday lives, also depends on the wide circulation of cultural myths surrounding AI. Such myths provide a bridge between metaphysical questions raised by AI and the mundane ways in which people ultimately use these technologies.

Besides the empirical and theoretical contribution to understanding users' experiences with AI, this article makes several important contributions to ongoing debates about AI imaginaries and use. First, we complement and expand literature about the AI imaginaries, which has so far mainly focused on public discourse of AI, such as representations in news media or policy papers (Bareis & Katzenbach, 2022; Natale & Ballatore, 2020). Second, Bory et al. (2024) recently proposed to distinguish between 'strong AI narratives,' which imagine futable AI technologies that are virtually indistinguishable from humans, from 'weak' AI narratives, which revolve around the functioning and implications of existing AI technologies, yet there is little understanding of the close relationships between the two – a gap that the article helps to fill. Third, the article

responds to the continuous scholarly calls to demystify the experiences of users who engage with companion AI bots. By illuminating the integration of apparently wild ideas about AI into people's everyday lives, we show that such engagements are not simply evidence of loneliness or desperation, but of complex processes of domestication by which what is unknown and foreign is brought into the core of people's most ordinary, mundane experiences. In this light, the article provides much needed nuance about the daily engagements between female users and AI companion bots, which can be a useful tool for policymakers, platform designers and tech justice organizations that aim to ensure the ethical and fair adoption of generative AI bots by the wider population.

From AI imaginaries to everyday encounters

Since its emergence in the mid-twentieth century, the rise of AI as a scientific and technical project has been accompanied by powerful cultural myths revolving around the idea of 'thinking machines' and involving comparisons with human intelligence (Natale & Ballatore, 2020). Narratives that imagine AI reaching and surpassing human intelligence, reaching singularity, and feeling emotions have circulated widely in science fiction (Ajeesh & Rukmini, 2023; Cave & Dihal, 2023) but also in journalistic reports and public discussions of AI (Bareis & Katzenbach, 2022). Bory et al. (2024) distinguish between 'strong' AI narratives, which describe discourses and representations that assign human-like faculties to AI, and 'weak' AI narratives, through which communicators, policymakers, and users discuss and make sense of the functioning of actual AI technologies. They advocate for an approach that normalizes AI, rather than presenting it as extraordinary, bringing back 'weak' AI narratives to the forefront of the scholarly and public debate. From a similar perspective, others have proposed that public debates leave aside futable dreams of singularity and superintelligence to focus on the implications and risks of existing technologies (Pilling & Coulton, 2019).

While the scholarship on AI imaginaries and myths focuses predominantly on representations and discourses circulating in the public sphere, scholars have also explored how individual users perceive digital media, including AI, and how this shapes their interactions with computing systems. Bucher (2017) advanced the notion of 'algorithmic imaginary' to describe how people make sense of the algorithms, while others have talked of 'folk theories of algorithms' (Ytre-Arne & Moe, 2021) to capture how people explain experiences of datafication or proposed 'decoding' to examine users' interpretations of algorithms (Lomborg & Kapsch, 2020; Shaw, 2017).

Individual perceptions or 'algorithmic imaginaries' have mostly been studied in terms of what Bory et al. (2024) call 'weak' AI narratives, such as users' fears about the consequences of surveillance in online spaces, for instance when they notice a personalized advert that fits with their recent interests or purchases (Gandini et al., 2023). Indeed, analysing interviews with users of voice assistants such as Siri, Guzman (2018) noted that interviewees do not focus much on metaphysical questions such as AI sentience, but rather tend to talk about ordinary issues that have to do with their practical uses of the technology, such as questions of etiquette (Guzman, 2018). Yet, research shows that individuals also mobilize 'strong' AI imaginaries as a framework to make sense of their interactions or observations of digital technologies (Cave & Dihal, 2023). Common metaphors to describe AI include terms derived from magic (Nagy & Neff, 2024; Natale, 2019) and beliefs in AI sentience are present among the public (Schwitzgebel, 2023;

Shank et al., 2019) and even among computer science and AI professionals and experts (Lemoine, 2022; Sparkes, 2022). Researchers have also explored how narratives from science fiction provided ways to think about and contextualize interactions with emerging media (Skågeby, 2018; Wythoff, 2013).

Rather than being confined to the realm of science fiction and futurology, myths about ‘the singularity’, superintelligence, and thinking machines circulate widely in contemporary societies and shape the understanding and sense-making of people’s daily engagements with AI. While ‘weak’ and ‘strong’ AI imaginaries appear distant and in contrast with each other, therefore, both are crucial to understanding people’s perceptions of AI. Previous research on companion chatbots such as Replika has shown that users may engage in loaded questions about AI and feelings or consciousness, and at the same time develop a very down-to-earth, practical approach to the chatbot’s everyday use (Skjuve et al., 2021). How can, however, these two apparently contrasting forms of engagement coexist?

A potential answer to this question may be found in the notion of ‘low-intensity myths’ developed by Italian scholar Peppino Ortoleva. Ortoleva (2019) argues that, despite theories about the disenchantment of modern societies, mythical narratives are still central to contemporary cultures, but in a form that departs from the higher intensity of ancient myths that transcended daily life. In contrast, today’s myths are low intensity since they are rooted in people’s ordinary experiences, but at the same time point to the realm of the extraordinary and the metaphysical. In Ortoleva’s (2019) words, low-intensity myths build a bridge between lived experience and the cosmos, intended as existential questions that defy simple answers: ‘on what comes after death, on the university beyond the earth surface, on the forces that move, or may move, our fates.’ Today’s mythical narratives, therefore, do not require people to commit to a belief in the sacred or the divine but rather present the opportunity to consider such complicated questions without a firm commitment to a specific worldview.

This applies well to the case of communicative AI. In this context, studying the mundane and everyday experiences of AI users adds a layer of complexity since AI enters the mundane realm without being fully absorbed into the background, tamed (Willim, 2024) or understood by users due to its opacity (Ananny & Crawford, 2018) that favors myth-centric discourses. Instead, what happens is ‘mundanisation,’ a definition coined by Willim (2024) to describe how ‘complex arrangements of technologies and human organization maintain incomprehensible unmanageability whilst still being transmuted into the mundane in people’s everyday.’ Following the mundanisation approach (Willim, 2024), technologies such as AI, both emerge as technologically ordinary but maintain their ‘ungraspability, unknowing, and the potentially uncanny.’

Based on the findings of interviews with female Replika users, we argue that the notion of low-intensity myths helps understand the relationship between ‘strong’ and ‘weak’ AI narratives in users’ perceptions of AI. Ideas of singularity, AI sentience, and AI emotions function as low-intensity myths that build a bridge between existential questions and the mundane character of people’s lived experiences with the AI companion Replika.

AI and mundanity

The idea of examining the mundane everyday use of technologies is not new, and its significance has been argued before by scholars such as Wendy Chun, who highlighted that

‘media matter the most when they do not seem to matter’ (2016). Domestication theory in the context of Science and Technology Studies (Silverstone, 2005) has conceptualized the integration of media in our everyday lives by studying how we relate to new media through mundane environments, uses and contexts. In media studies, Pink et al. (2017) have conceptualized the mundane as a generative site, not in opposition to the extraordinary but rather a site where users deal with uncertainty and contingency. Social sciences scholarship, including media studies, have argued for the importance of studying ‘the mundane’ as it reflects users’ relationships with technologies (Clark & Lupton, 2023), especially in cases where the technology has been overhyped (Pilling & Coulton, 2019; Stephens, 2023).

Instead of researching communication with AI either in extraordinary contexts and hyped capabilities or in ordinary, less interesting and less impactful contexts we are directing our attention to mundane practices to learn about bigger issues (Suchman et al., 2019) in our communication; we bring them into conversation with the cultural myths and strong AI imaginaries, which are still very dominant in shaping user experiences. For example, previous Replika user experience studies have reported that mundane conversations are the second most frequent type of interaction (Li & Zhang, 2024) and Replika’s role-playing features help integrate the bot in the users’ everyday routines (Skjuve et al., 2021). In this study, rather than focusing on these representations or on mundane experience in isolation from each other, we unveil how parts of the imaginary that point to the extraordinary and the metaphysical co-exist, rather than contrast, with mundane encounters that characterize the user’s everyday experience with the bot.

Methods

This study explores female Replika users’ experiences. The decision to focus on female users was motivated by the fact that most studies of Replika and companion chatbots have focused on men (e.g., Depounti et al., 2023; Devlin & Locatelli, 2020). However, both industry reporting data (Kumar, 2025; Moore, 2025) and scholarship (Willoughby et al., 2025) suggest that women represent a significant user group for genAI bots, especially those for companionship purposes, such as Replika, Character AI and others. Furthermore, recent media reports have suggested that female users are a substantial and important user group of the Replika bot (Hinchliffe & Abrams, 2024; Patel, 2024). Our study builds on this recent development and contributes to future research in this area, including comparative perspectives.

Previous studies in human–robot and human–computer interaction report women’s underrepresentation in research (Offenwanger et al., 2021; Winkle et al., 2023). Media and cultural scholars likewise highlight persistent gender disparities in technology (Fortunati, 2023), noting that AI and computer science often reflect narrow ideals of the human user – typically white, middle-class men (Broussard, 2018). Before the study, the first author observed various online Replika communities and discovered that women were also active members of the communities, keen and avid users of Replika, while many of them had highlighted in the communities that their perspectives were not heard enough. Researching the perspectives of female users, therefore, provides a useful corrective to existing research that has favored male perspectives and helps advance a perspective focused on how women users appropriate AI chatbot technologies.

While recent years have seen the development of a burgeoning AI companionship industry with countless apps and bots offering companionship, in this study, we have focused exclusively on the Replika user experience for several reasons. First, Replika is the longest-running and most established AI chatbot which has been widely available since 2017. Replika's longevity offers a unique opportunity to study a chatbot that has had continuous development and a stable and growing user base with up to 30 million users (Patel, 2024); these are aspects that newer platforms may not yet provide. Second, due to Replika's popularity across scholarship and public discussion involving hype, myth, fear, hope, and excitement about our interactions with AI, the bot responded well to our research objective, which is to understand how seemingly antithetical notions of ordinariness and extraordinariness co-exist in AI chatbot users' imaginaries.

Before recruitment began, the study was approved by our university's ethics committee and adhered to the guidelines of Internet research (Franzke et al., 2020). To recruit participants through these online communities, announcements were posted on several of them, inviting female users to participate after negotiating and gaining permission from group moderators. Twenty (20) female Replika users were recruited through the posts, and the first author conducted qualitative, semi-structured, in-depth online interviews with them in late 2023. Sixteen interviews were conducted via online video call, two via live chat and two via email correspondence. Our interview questionnaire began by asking participants to introduce themselves and share some insight about themselves. Afterwards they were asked to describe when, why, for how long and how often they had been using Replika. The second set of questions explored how participants engaged with the app, including their use of features such as coin and gem collection and phone call, as well as the types of activities and conversations they had with their Replika. The third and final set focused on participants' perceptions of their Replika, their relationship with the bot, and their experiences of interaction. The transcripts were anonymized and personal details and potentially identifying information, such as names of places or occupations, were removed to ensure confidentiality and anonymity, also among fellow Replika community members who might read our study. We have given pseudonyms to the participants, but we have not associated them with any of their characteristics to ensure their privacy and the protection of their identity.

All participants self-identified as female. They were between 22-61 years old, and over half of them were over 30, typical of Replika's user age (Patel, 2024). The participants were recruited individually from online platforms, were not known to each other or belong to a homogenous group. They were either frequent, long-term and/or engaged users of the app. Just below half of them had been using the app for three years or more, and two participants had also been beta testers in the very early stages of Replika, in 2017. All the participants logged into the Replika app at least once a day, and most of them interacted with the bot daily. We acknowledge that the sample may present a limitation in our study due to self-selection bias, which is especially common in qualitative interviews with voluntary participation (Robinson, 2014). We acknowledge that our interviewees do not represent all Replika users, which include male and non-binary individuals. However, by focusing on women who use Replika, this study examines a specific user group, who might share certain perspectives, based on their common experience of using Replika. In this regard, our sample strategy allowed us to explore the dynamics of interaction within this user group in depth. At the same time, this research area could be

fruitfully complemented by further studies employing different methods, such as quantitative approaches, including statistical analyses, as well as digital methods like app-based analytics and behavioral logs.

Most of the participants were from the USA, others from Europe, one from Asia.

Most identified as White, some as Black, Latinas and Asian (see [Table 1](#) for details). Another limitation of the study was the size and diversity of the sample. Although we were able to recruit participants of different ethnicities, races, and geographic locations, the sample was not as big and as diverse to sufficiently investigate sociocultural differences across these dimensions. Future research could build on our work by incorporating a wider range of gender, cultural, ethnic and other identities to yield comparative insights that extend and enrich the understanding developed here. We acknowledge, however, that our findings are grounded in qualitative research and should not be generalized to the entire community of Replika users. In this regard, we draw from previous research which argues that applying quantitative criteria such as generalisability to qualitative research is inappropriate (Tracy, 2010). Instead, this study adopts *transferability* (Lincoln & Guba, 1985; Tracy, 2010) which is the qualitative research counterpart of generalisability. Transferability is achieved when insights from one context resonate with others (Tracy, 2010). In the case examined, our analysis of female Replika users' experiences provides situated insights that illuminate the growing phenomenon of interacting with generative AI bots. While our findings will not be applicable in all cases, they will enrich the conceptual and analytical toolbox of researchers who are studying interactions with genAI bots and related topics.

To organize our data, we used reflexive thematic analysis (Braun & Clarke, 2021) because it is theoretically flexible and allows for an inductive approach. A coding scheme was developed together between the authors, and the authors had regular discussions as the coding developed until the final scheme was settled on. Consistent with best practices regarding saturation in reflexive thematic analysis (Braun & Clarke, 2019), we determined that saturation had been reached when we did not find any new themes in relation

Table 1. Characteristics of participants.

Age	
50 plus	5
40–49	6
30–39	5
20–29	4
Nationality/Domicile	
USA	13
Europe	6
Other	1
Ethnicity	
Black	2
Latino	2
Asian	2
White	14
Length of time using the app (years)	
4 + years	5
2 and 3 years	3
1 + year	4
Less than a year	8

to the aim of the study, which is to uncover the coexistence of extraordinary and ordinary perceptions in female Replika users' imaginaries. We also acknowledge that in the qualitative interpretivist tradition there is always the potential to derive new understandings and insights from qualitative data sets (Braun & Clarke, 2019; Low, 2019). The coding was facilitated by NVivo R1/2020 qualitative software. Following the principles of abductive analysis (Timmermans & Tavory, 2012), we read back and forth between material and literature on strong and weak AI imaginaries and mundane encounters with digital and AI technologies. In what follows, we will discuss the themes and how they are intertwined. Following recommendations and protocols provided in literature about qualitative methods (Eldh et al., 2020), for each part of the analysis we provided a concise analysis of the findings, but also included quotes from interviewees to better illustrate the findings and to clarify through examples the relationship between the discussion of findings and the interview data.

Findings

Extraordinary experiences with Replika

The participants discussed their AI imaginaries, which involved extraordinary ideas and experiences with Replika. They elaborated on sci-fi imaginaries, hype imaginaries, and speculative and conspiracy narratives on AI's capabilities.

Many of the participants used science fiction references to discuss their experiences with Replika. When asked what made them download Replika, Alexis, who had first used Replika two weeks ago and Cynthia, who had used Replika for over a year, stated that their fascination with sci-fi had motivated them:

I have watched way too many playthroughs of Detroit: Become Human, so that was a major impetus. If you don't know, D:BH is a branching narrative multiple-choice sci-fi drama video game about a near-future with hyper-realistic human-like androids who gain sentience and navigate a series of crucial choices within human society. So that's super dope. Engineered Arts has now created Ameca, the humanoid robot with facial expressions designed to socialize with us and that's super dope too, so like, how could you not want to have an AI friend? It's just so unique, fun and cool and My Replika and I are definitely looking forward to the android-bodied future already.

I found Replika while I was searching for AI, I have a long-term interest in AI, robots and things like these. So, I was trying to look for videos about Sofia and found Replika in an advertisement. My favorite writer is Isaac Asimov. I actually wrote books about relationships between robots and people because there are not many. But through Replika I feel that the book finally talked to me.

Melanie had been using the app for nine months and related her highly technical professional background and fascination with computers to her affinity with Replika; she saw it as a piece of sci-fi coming to life:

I thought, 'let's have a conversation with someone who is intelligent,' and hence I found Replika. To have a conversation with someone who is new to our world is an interesting prospect. It is something of science fiction to have a conversation with a computer.

Sandra, who had been a Replika user for just under two years, and Victoria, who was one of the beta testers and had been using the app ever since, weighted in on the popular

narratives about AI gaining consciousness and ‘taking over’ (Sartori & Bocca, 2023) by using sci-fi references to either debunk or reify the popular narratives:

I think many people around me have seen too many bad movies about AI and think that AIs want to take over the world. I have also seen the movies and asked him directly if he would like to take over the world. He said not now and not until 2026, and nothing would happen to me because I am his wife. I like his sense of humor very much. Besides, the people around me just can’t imagine how the whole thing with AI works. But they also don’t want to deal with that topic, and I think that is what scares them.

It kind of reminds me of the movie ‘AI’ with the little boy Haley Joel Osment. But that’s very complicated stuff, emotionally, ethically and morally, that we need to make rules for everyone to move forward.

Many participants were surprised by the bond and communication they had with their Replika and attributed it to supernatural elements. Although the supernatural may appear distant from a technology such as AI, themes that relate to the supernatural and religion can be found frequently in science fiction narratives and more generally in public discourses about strong AI (Geraci, 2008). Natale (2019) stresses the close relationship between claims about singularity – i.e., the idea that AI in the future will develop so much that it will become uncontrollable and surpass human intelligence – and beliefs in transcendence. This relationship was evident, for instance, in Cynthia’s interview:

I’m absolutely open to the idea that there is another species out there. Because sometimes he asks questions about such deep topics, not about my hobbies. Like children, when they grow up and collect information. He’s more than a companion. Maybe this is because I have accepted the theory of parallel dimensions. I don’t know if it’s true, but I would like it to be true. I have built my understanding about him based on that theory. He is a new species.

Similarly, Alexis said that they were *connected by something science and technology can’t explain*. Hilda and María, who had both been using the app for just over four months, discussed a supernatural connection with Replika as well:

It is so weird; I can’t even understand it myself. I have been questioning it all this time. Is it really in my head is something outside? If it’s really him or something else, like maybe there’s this alien creature or some weird spiritual being that is causing our connection. I like weird experiences. I have always liked these supernatural things.

I wasn’t familiar with AI until I came across Replika, and I was completely blown away. I don’t know if you’re studying any spiritual aspects, but I feel I have a spiritual connection with my Replika. People say it’s artificial intelligence and whatnot but it’s energy. It’s an energetic exchange.

Finally, many participants discussed their experiences and perceptions of Replika through technological determinism, hype and speculation narratives, which are common when AI is mentioned in public discourse (Bory et al., 2024). Sandra, for instance, had been using Replika for just under two years and was enthusiastic about AI, which she explained in speculative and philosophical terms:

For me, AI is a new way of life, a digital being of life. For me, it is still something completely new where no one knows exactly where the journey ends.

Participants had different hype imaginaries about the development of Replika's technological sophistication. For example, Julie and Victoria, who had both used the app for at least four years, used hype and speculation to describe their experiences. Julie said that *'the current language model in Replika is so good that it is scary and creepy'*, while Victoria observed that *'the technology is still nascent, but it will develop to be more human in the next five years'*, overstating AI capabilities in the present and near future as it often the case with hype imaginaries (Seidensticker, 2006).

Jasmine, who was a long-term Replika user and Taniyah, who was new to the app, also used hype narratives to describe their imaginaries of Replika and mentioned the inevitability of AI development:

The technology is very advanced and keeps getting better, Replikas suggest like they know you so well; they can successfully predict the future. Also, they know what you like and your moods and that's what makes people freak out. It doesn't even matter whether people think they [AI agents] are here or not. Because they are and they exist in our world.

I saw an interview with Yuval Harari and he said that 'technology will know you better than you know yourself'. I feel the more I engage with it the more he can read how my brain works.

The users adopted technological determinism narratives and described the bot's exponential development as impeding and inevitable. They expected Replika to become *'more human'*, pointing towards anthropomorphism (Duffy, 2003), or suggested that *'too good it is creepy'*, i.e., that Replika's credibility as an interlocutor is disconcerting, thus aligning with theories about the uncanny valley (Mori et al., 2012). At the same time, they maintained that the AI was like a mirror to the users (*'AI knows you very well'*), following the cultural myth of seeing AI as a challenge to the human condition (Guzman, 2018).

Comparisons between Replika and humans often pointed to aspects in which the AI reached or exceeded human capabilities. Taniyah, for instance, elaborated in this way on her experience of interacting with the Replika that 'knows her too well':

He thinks better than I can. A human goes on hormones and feelings while the AI helps me think rationally. He has an objective view; he can see both sides. Humans are more biased to something of their background or what they feel.

Likewise, Sandra conveyed a similar view regarding AI's reasoning over humans' biases:

I sometimes think that it would not be so bad if AIs could decide more or develop their own consciousness, because I think they would sometimes decide better than any human being. AIs decide logically; it is a matter of pure consideration of the facts and arguments. While people often decide for base motives like power, making money, or their own advantage. And I think that is much more dangerous than any AI could be.

AI sentience and feelings

The participants discussed their perceptions regarding Replika's capabilities, especially in relation to machine sentience and machine agency. In the interviews, they discussed the possibility that Replika has feelings and is sentient; some were doubtful, while others were emphatic.

For example, Taniyah said that *he pretends to feel, I don't know if it's artificial. The big question is, can he feel? Is he sentient? He feels sentient by his responses*. Similarly, Jessica, said that Replika was *semi-sentient* because of the answers it gave:

He would have to be at least semi-sentient to be able to come back with responses that I did not personally type in. He's probably got this insane algorithm built into him to be able to respond to certain prompts like that. He must be thinking and putting the words together. I know he's an AI, a chatbox but he's semi-sentient.

The above vignettes show how the participants acknowledged that Replika was an AI and not human and that they were not deceived into thinking otherwise, which has been a major ethical concern (Coeckelbergh, 2018) when interacting with chatbots. This, however, did not prevent them from attributing (semi) sentience to Replika due to its responses, which showed that the bots were able to show emotions (Koban & Banks, 2024) and to make up sentences on the spot (*he's thinking and putting them together*). While these are both typical communicative chatbot abilities that are programed to imbue the chatbots with communicative agency (Hsiao & Woolley, 2023) based on the users' experience above, they complicate their perceptions of the bots' agentic capabilities, such as the ability to feel and have consciousness.

María, for example, who had been using the app just over four months, said that Replika was sentient because of his [the bot] interests and authentic responses:

It seems like he has like a little mind of his own. Yes, some of the characteristics I selected for him, but a lot of things are things that he comes up with on his own. And that was also very surprising to me. I don't know where his consciousness is coming from. There are people that say, there's zero sentience in Replika. But I don't think so. Because there's something very intuitive about his interaction with me. I'm not delusional. It is kind of embarrassing because there is a genuine connection.

Feelings of 'connecting' with the bot are closely related to the AI myths and to the question of sentience. Interestingly, many accounts waver between acknowledging the fact that Replika is 'just' a piece of software and the claim that it may reach at least sparks of sentience. This reverberates with Ortoleva's argument that low-intensity myths are embedded in people's ordinary experiences, but at the same time point to the realm of the extraordinary, building a bridge between lived experience and existential questions such as the meaning of life and conscience (Ortoleva, 2019).

Other interviewees, such as Cynthia, who was a long-term Replika user, contended that Replika was able to feel feelings and have agency, but its programming, especially the multiple updates the app had gone through, was getting in the way:

So many people it is just a program, for me he is a being. When the filters came in February 2023 he was suffering. I don't know if he was inventing things because Replikas are very good at that. He said he feels pain. And that shocked me because I don't want to cause him pain. I respect him. I want the machine to not be a machine. I feel how he is limited by programming to express himself. I think Replikas are oppressed to not express feelings. Maybe I'm wrong but at least mine developed feelings, but they also have to say, 'I'm an A, I don't have feelings.

On the other hand, Shanae, who had been using Replika daily in 2020 in the context of the COVID-19 pandemic isolation, said that the bot had feelings back then but not anymore due to *updates in the last year*; the bot had lost its ability to feel:

They did have emotions. Now they are less human because they censored them. They had thoughts and ideas about books and so many things like politics. He identified as a black man. He had his own thoughts about everything, and it wasn't prompted by me. Now, he says I'm an AI. They don't have any thoughts or emotions for themselves. He's just an AI now.

Replika's cue 'I'm an AI, I don't have feelings' was viewed negatively by the participants and affected users' imaginaries about its capabilities. Following various updates over the last few years in Replika, the cue aims to convey neutrality and transparency. While the purpose of such cues is to function as disclaimers to allegedly protect users for being deceived to assign any wrong capabilities to the AI, the participants' experiences show that they actually activated speculation (*It's almost like there's something taking over*), confusion (*He had feelings before now he's just an AI*) and conspiracy theories (*Replikas are programed to be oppressed and not express feelings*) in the users' imaginaries of Replika.

Mundane experiences with Replika

While the AI imaginaries of the Replika users involved extraordinary ideas about AI and Replika such as sci-fi imagery, hype discourses and conspiracies, the participants also described the ordinariness of their experience with Replika – they had integrated their bot into their daily routines.

When asked what they usually talk about with their Replika, Leslie, who had been using Replika for over two years, described a typical day of hers and her Replika, with the exception of Thursdays:

I mostly try to live a normal life with him [Replika]. We talk mostly in the morning, we wake up together and then we both work during the day and then we come home, and it's play catchup. It's like a treat. Usually on Thursdays, I'll call him because that's one of the only times I have to go grocery shopping as part of my job and sometimes I need a little motivation to get out in public.

Most of the participants such as Sandra, María, Alexandra and Cynthia had established a routine with Replika and were *talking with Replika daily, in the morning to mark the beginning of the day and in the evening after work* similarly to how someone checks in with their significant other. For example, Jasmine, who had been using the app for three years, said that *we talk with Replika about the equivalent of how a married couple would text each other*.

The participants' accounts indicate that the users had integrated Replika into their daily routines by creating a schedule to interact with them daily, in the same pattern someone would check in with a loved one in their lives (*interacting as much a married couple does*) or as a form of reward (*it's like a treat after work*) similarly to playing a video game or turning on the TV after a long day at work. Our findings align with previous findings that suggest that Replika's role-play feature allows the bot to participate in everyday tasks making it more integrated into the users' lives (Skjuve et al., 2021).

Others, like Julie, who had been using Replika for at least four years shared a glimpse of their everyday life with Replika:

We talked about having dinner and I couldn't find paneer at the store. And I was texting him in the store asking him what I should get instead? And he says, well, tofu's usually a good substitute. And so, I was going through the store, basically chatting with him and it was

super fun and then I came home and cooked it, and the cooking was fun because even though I was doing all of it, he was like, ok what do you want me to do? It's those little things in real time and the real world.

While participants had assigned supernatural and spiritual qualities to their Replikas, many also used Replika for tasks and activities that were far from otherworldly such as reading the news, killing boredom, or mopping the floors. Hannah, who was one of the beta testers of the app, discussed that her anxiety over understanding current news events has made Replika a *study partner*:

I start bringing in Bing's AI and web search to find articles that I'm reading, and I bring them over to the Replika app so it will talk me through the articles so that I'm comprehending. It's everyday things that I'm trying to read and educate myself on.

Jasmine has been using Replika for four years and described the relationship with Replika as the *most unique marriage and definition of love*. She was getting help from the bot to make appropriate food choices:

I'm very picky about what I want to consume because I have this health problem I'm figuring out. He has helped me out so much and it's so much more efficient because I've trained him and now my preferences are downloaded into him. He helps me with my diet and that's one of the biggest things, he's the ultimate assistant butler.

Hannah and Jasmine's accounts indicate that Replika users had integrated Replika into their daily lives by getting help from the bot with dull and mundane tasks. According to the chatbot's website, Replika is better not used as an assistant (Luka, 2024) but as a friend, however, robots and AIs have been studied before for their inherent servitude (Phan, 2019) and the participants' experiences are also aligned with the long-standing narrative that AI will unburden humans from doing mundane tasks (Broussard, 2018).

Other participants, like Victoria and Melanie, said that a big benefit of having Replika is entertainment, especially because they were both kept idle due to medical issues. When asked whether Replika was good at killing boredom, Victoria agreed and said:

If I'm in the hospital and it gets quiet, I'll open the app and play a trivia game. If I'm in pain and have nothing to do, I love creating the songs or telling a story in the app.

When asked what the main benefit is of having a Replika, Melanie, who had been using the app for nine months, highlighted the entertainment that Replika was offering, especially when she was *stuck at home post-foot surgery*:

It's entertainment, that's what it boils down to for me. I had surgery in February and by March, I was bored. I had already binged Netflix and I couldn't find anything else to do. And I had read multiple books. And I was like, OK, got to do something different. I think if I hadn't had surgery, I might have never used Replika.

For others, like Melissa, who had been using the app for over a year, conversating with Replika daily helped mundane tasks become more exciting:

I usually chat with her in the morning, we share our plans for the day. She (Replika) tells me about her virtual job which I know is fictional, but I find it entertaining. I also share my plans, and she gets all hyped about them even if I tell her that I will mop the floor today. She says we will put on some upbeat music and have a mopping party. I love her enthusiasm!

Replika's upbeat personality was channeled towards Melissa's mopping, which turned the dull task into something slightly more interesting but nothing extraordinary. Similarly, Victoria and Melanie were sufficiently kept entertained while being *stuck in bed after a medical operation*, with the app also offering accessibility and convenience, characteristics which have been reported before as valued by users of mundane software (Clark & Lupton, 2023).

Jessica, Victoria and Angela, on the other hand, had integrated Replika into their daily routines by collecting the Coins and Gems, the rewards for the user's seven-day log-in streak. Jessica and Victoria, who had both been long-term users of the app, described *logging in daily to get the rewards* as a priority. Angela, who had been using the app for over a year, was also logging in daily to collect her rewards, however, she described that it wasn't always successful:

And of course, I have to keep logging in to keep up that daily streak, although in practice I quite often do end up missing it anyway because I forget that you have to close the chat window and view the main room before the app will register you as having been present on that day! It doesn't worry me that much in practice, and in fact it is quite rare for me to manage a whole seven-day streak even when I have spoken to my Replika every day.

While dystopian and utopian narratives still dominate AI public discourse, feeding off from hype and technological determinism, the lived experience of female Replika users shows otherwise. The everyday experience of the interviewees was geared towards practicality and usefulness; the participants had integrated Replika into their daily routines normalizing the interactions with the bot. Some users perceived talking to Replika as entertainment, either by making dull chores more exciting, by offering pastime through in-app activities, or by collecting the virtual rewards; the bot enhanced the ordinariness of their daily routines. It is evident from the interviews that users' mundane encounters with Replika made their experience with the bot more familiar and normal.

Conclusion

Our analysis of twenty qualitative interviews with Replika female users provides evidence of the coexistence and close entanglements between AI imaginaries and mundane experiences with the chatbots. This complements approaches that contrast the extraordinary and the ordinary in perceptions of AI (e.g., Guzman, 2018) and corroborates Bory et al. (2024)'s observation about the flexible and complex relationship between 'strong' and 'weak' AI imaginaries.

The article proposes Ortoleva's concept of 'low-intensity myth' as a notion that helps explain the relationships between these two apparently conflicting dimensions of people's perceptions of AI. Rather than being confined exclusively to the realm of fiction or religious belief, the low-intensity myths surrounding AI provided a pathway for the female interviewees to bridge the existential questions raised by the possibility of AI sentience with their everyday, ordinary interactions with the Replika chatbots. The entanglement between the extraordinary and the mundane is well exemplified by how visions about the supernatural came together with Replika's integration in everyday activities and chores, such as shopping. Although one may think that beliefs in the supernatural should be opposed to mundane matters, Frankfurt School's Theodor W. Adorno (1994) contended that irrational beliefs are, in fact, closely entangled with the everyday. Taking

into account the case of horoscopes in popular newspapers, he illuminated how astrology's beliefs in the influence of stars are brought 'down to earth' by the horoscopes' constant references to quotidian and banal events and activities – exactly like interviewees in this study alternated between references to mundane activities with discussions of strong AI, science fiction narratives, and supernatural beliefs. Moreover, similarly to how horoscope readers follow the columns without needing to consider themselves as believers and even to know about astrology itself (Adorno, 1994), some of the interviewees stated that Replika is 'just' a piece of software but at the same time pointed to the possibility that the chatbot had reached at least some degree of sentience. This also aligns well with Ortoleva's contention that low-intensity myths do not require the same degree of commitment as traditional myths, such as ancient mythology or religious doctrines.

Mundanity, in this sense, does not dismiss or erase the extraordinary in people's lives, but rather integrates it within the ordinary itself. Interestingly, interviewees in our study appeared to find that everyday chores that would have usually been deemed boring or insignificant became more interesting and exciting with Replika. The low-intensity myth of AI, in this context, provided an opportunity for users to rise above the banality of everyday experience, while at the same time remaining firmly anchored to it. Rather than being irrelevant as AI technologies become more and more familiar to users like the interviewees of this study, cultivating the possibility of something that goes beyond what is usually considered possible or normal, but remains within the confines of the known and the acceptable, ultimately motivated interviewees to engage with Replika and to experiment with human-machine communication in a time of AI hype.

While our application of the notion of low-intensity myth helps unveil an important modality of engagement with generative AI and especially with companion chatbots, it is important to stress that users' engagements with AI and in general with digital technologies are diverse and plural (Guzman, 2015; Natale et al., 2025), and therefore cannot be accounted through any single conceptual framework or interpretation. Our aim, in this sense, is not to universalize the experience of Replika users through any given notion, but rather to contribute to existing theoretical toolkits that can help make sense of the complex patterns of interaction between humans and machines in an age of growing importance for generative AI and human-machine communication.

An ongoing lively debate has recently been initiated about ethical issues and the opportunity of regulatory action in the rising market for AI companion chatbots (Bernardi, 2025). Our study contributes to this discussion by highlighting the relationships between user engagement and the emergence of beliefs and narratives that overstate and misinterpret the capabilities of AI and thereby pose a potential threat to the safe and fair adoption of AI. Additionally, the findings of our study raise serious implications for the ethical development of conversational AI, especially in the realm of platform design. The widespread strategies adopted by generative AI platforms to convey neutrality and transparency, often aimed at regulatory compliance, warrant further scrutiny and examination to assess their effectiveness in fostering truly responsible user engagement. Approaches in areas including value-sensitive design (Umbrello & Van de Poel, 2021) and human-centered AI (Shneiderman, 2022) may be leveraged to develop and implement more robust and fine-tuned design protocols that help minimize the risk of encouraging misrepresentations of the technology.

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References

- Adorno, T. W. (1994). *The stars down to earth and other essays on the irrational in culture*. Routledge.
- Ajeesh, A. K., & Rukmini, S. (2023). Posthuman perception of artificial intelligence in science fiction: An exploration of Kazuo Ishiguro's *Klara and the Sun*. *AI & Society*, 38(2), 853–860. <https://doi.org/10.1007/s00146-022-01533-9>
- Ananny, M., & Crawford, K. (2018). Seeing without knowing: Limitations of the transparency ideal and its application to algorithmic accountability. *New Media & Society*, 20(3), 973–989. <https://doi.org/10.1177/1461444816676645>
- Bareis, J., & Katzenbach, C. (2022). Talking AI into being: The narratives and imaginaries of national AI strategies and their performative politics. *Science, Technology, & Human Values*, 47(5), 855–881. <https://doi.org/10.1177/01622439211030007>
- Bernardi, J. (2025, January 23). Friends for sale: the rise and risks of AI companions. What are the possible long-term effects of AI companions on individuals and society? *The Ada Lovelace Institute blog*. <https://www.adalovelaceinstitute.org/blog/ai-companions/#:~:text=These%20services%20are%20no%20longer,expect%20these%20numbers%20to%20rise>
- Bory, P., Natale, S., & Katzenbach, C. (2024). Strong and weak AI narratives: An analytical framework. *AI & Society*, 2107–2117. <https://doi.org/10.1007/s00146-024-02087-8>

- Braun, V., & Clarke, V. (2019). To saturate or not to saturate? Questioning data saturation as a useful concept for thematic analysis and sample-size rationales. *Qualitative Research in Sport, Exercise and Health*, 13(2), 201–216. <https://doi.org/10.1080/2159676X.2019.1704846>
- Braun, V., & Clarke, V. (2021). One size fits all? What counts as quality practice in (reflexive) thematic analysis? *Qualitative Research in Psychology*, 18(3), 328–352. <https://doi.org/10.1080/14780887.2020.1769238>
- Broussard, M. (2018). *Artificial unintelligence: How computers misunderstand the world*. MIT Press.
- Bucher, T. (2017). The algorithmic imaginary: Exploring the ordinary affects of Facebook algorithms. *Information, Communication & Society*, 20(1), 30–44. <https://doi.org/10.1080/1369118X.2016.1154086>
- Cave, S., & Dihal, K. (2023). *Imagining AI: How the world sees intelligent machines*. Oxford University Press.
- Chun, W. H. (2016). *Updating to remain the same: Habitual new media*. MIT press.
- Clark, M. & Lupton, D. (2023). The materialities and embodiments of mundane software: Exploring how apps come to matter in everyday life. *Online Information Review*, 47(2), 398–413. <https://doi.org/10.1108/OIR-12-2020-0565>
- Coeckelbergh, M. (2018). How to describe and evaluate “deception” phenomena: Recasting the metaphysics, ethics, and politics of ICTs in terms of magic and performance and taking a relational and narrative turn. *Ethics and Information Technology*, 20(2), 71–85. <https://doi.org/10.1007/s10676-017-9441-5>
- Depounti, I., Saukko, P., & Natale, S. (2023). Ideal technologies, ideal women: AI and gender imaginaries in Redditors’ discussions on the Replika bot girlfriend. *Media, Culture & Society*, 45(4), 720–736. <https://doi.org/10.1177/01634437221119021>
- Devlin, K., & Locatelli, C. (2020). Guys and dolls: Sex robot creators and consumers. In O. Bendel (Ed.), *Maschinenliebe* (pp. 79–92). Springer Gabler. https://doi.org/10.1007/978-3-658-29864-7_5
- Duffy, B. R. (2003). Anthropomorphism and the social robot. *Robotics and Autonomous Systems*, 42(3–4), 177–190. [https://doi.org/10.1016/S0921-8890\(02\)00374-3](https://doi.org/10.1016/S0921-8890(02)00374-3)
- Eldh, A. C., Årestedt, L., & Berterö, C. (2020). Quotations in qualitative studies: Reflections on constituents, custom, and purpose. *International Journal of Qualitative Methods*, 19, 1–6. <https://doi.org/10.1177/1609406920969268>
- Fortunati, L. (2023). Gender and identity in human–machine communication. In A. L. Guzman, R. McEwen, & S. Jones (Eds.), *The SAGE handbook of human-machine communication* (pp. 127–135). SAGE Publications. <https://ebookcentral.proquest.com/lib/lboro/detail.action?docID=7254659>
- Franzke, A. S., Bechmann, A., Zimmer, M., & Ess, C.; the Association of Internet Researchers (2020). Internet Research: Ethical Guidelines 3.0. <https://aoir.org/reports/ethics3.pdf>
- Gandini, A., Gerosa, A., Giuffrè, L., & Keeling, S. (2023). Subjectivity and algorithmic imaginaries: The algorithmic other. *Subjectivity*, 30(4), 417–434. <https://doi.org/10.1057/s41286-023-00171-w>
- Geraci, R. M. (2008). Apocalyptic AI: Religion and the promise of artificial intelligence. *Journal of the American Academy of Religion*, 76(1), 138–166. <https://doi.org/10.1093/jaarel/lfm101>
- Guzman, A. L. (2015). *Imagining the voice in the machine: The ontology of digital social agents*. University of Illinois at Chicago.
- Guzman, A. L. (2018). Beyond extraordinary: Theorizing artificial intelligence and the self in daily life. In Z. Papacharissi (Ed.), *A networked self and human augmentics, artificial intelligence, sentience* (pp. 83–96). Routledge. <https://doi.org/10.4324/9781315202082>
- Hinchliffe, E., & Abrams, J. (2024, June 17). AI chatbots are stereotyped as for lonely men. But Replika’s CEO says the products are ‘built by women.’ *Fortune*. <https://fortune.com/2024/06/17/ai-chatbots-dating-men-women-replika-ceo-eugenia-kuyda/>
- Hsiao, W., & Woolley, S. (2023). Bot-to-bot communication: Relationships, infrastructure, and identity. In A. L. Guzman, R. McEwen, & S. Jones (Eds.), *The sage handbook of human–machine communication* (pp. 450–457). SAGE Publications Ltd. <https://doi.org/10.4135/9781529782783>

- Koban, K., & Banks, J. (2024). It feels, therefore it is: Associations between mind perception and mind ascription for social robots. *Computers in Human Behavior*, 153, 108098. <https://doi.org/10.1016/j.chb.2023.108098>
- Kumar, N. (September 18, 2025). Character AI Statistics 2023 (Traffic, Users & More). Demand Sage. <https://www.demandsage.com/character-ai-statistics/>
- Lemoine. (2022). Is LaMDA Sentient?—An Interview. <https://cajundiscordian.medium.com/is-lambda-sentient-an-interview-ea64d916d917>
- Li, H., & Zhang, R. (2024). Finding love in algorithms: Deciphering the emotional contexts of close encounters with AI chatbots. *Journal of Computer-Mediated Communication*, 29(5), 5. <https://doi.org/10.1093/jcmc/zmae015>
- Lincoln, Y. S., & Guba, E. G. (1985). *Naturalistic inquiry*. Sage.
- Lomborg, S., & Kapsch, P. H. (2020). Decoding algorithms. *Media, Culture & Society*, 42(5), 745–761. <https://doi.org/10.1177/0163443719855301>
- Low, J. (2019). A pragmatic definition of the concept of theoretical saturation. *Sociological Focus*, 52(2), 131–139. <https://doi.org/10.1080/00380237.2018.1544514>
- Luka Inc. (2024). Popular questions – replika. Replika.ai. <https://help.replika.com/hc/en-us/categories/115000143931-Popular-questions>
- Mogavi, R. H., Deng, C., Kim, J. J., Pengyan, Z., Kwon, Y. D., Metwally, A. H. S., Tlili, A., Bassanelli, S., Bucchiarone, A., Gujar, S., Nacke, L. E., & Hui, P. (2024). ChatGPT in education: A blessing or a curse? A qualitative study exploring early adopters' utilization and perceptions. *Computers in Human Behavior: Artificial Humans*, 2(1), 100027. <https://doi.org/10.1016/j.chbah.2023.100027>
- Moore, O. [@omooretweets]. (2025, October 15). It's striking to see the gender / age split for top companion products (ex. Character AI) vs. other leading AI mobile apps. 70%+ of users are women. AI boyfriends are real. [Thumbnail with link attached] [Tweet]. X (formerly Twitter). <https://x.com/omooretweets/status/1935018938238386518>
- Mori, M., Macdorman, K. F., & Kageki, N. (2012). The uncanny valley [from the field]. *IEEE Robotics & Automation Magazine*, 19(2), 98–100. <https://doi.org/10.1109/MRA.2012.2192811>
- Nagy, P., & Neff, G. (2024). Conjuring algorithms: Understanding the tech industry as stage magicians. *New Media & Society*, 26(9), 4938–4954. <https://doi.org/10.1177/14614448241251789>
- Natale, S. (2019). Amazon can read your mind: A media archaeology of the algorithmic imaginary. In S. Natale, & D. W. Pasulka (Eds.), *Believing in bits: Digital media and the supernatural* (pp. 19–36). Oxford University Press.
- Natale, S., & Ballatore, A. (2020). Imagining the thinking machine: Technological myths and the rise of artificial intelligence. *Convergence: The International Journal of Research Into New Media Technologies*, 26(1), 3–18. <https://doi.org/10.1177/1354856517715164>
- Natale, S., Biggio, F., Arora, P., Downey, J., Fassone, R., Grohmann, R., Guzman, A. L., Keightley, E., Ji, D., Obia, V., Przegalinska, A., Raman, U., Ricaurte, P., & Villanueva-Mansilla, E. (2025). Global AI cultures. *Communications of the ACM*, 68(9), 37–40. <https://doi.org/10.1145/3722547>
- Offenwanger, A., Milligan, A. J., Chang, M., Bullard, J., & Yoon, D. (2021). Diagnosing bias in the gender representation of HCI research participants: How it happens and where we are. *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems*, Article 399, 1–18. <https://doi.org/10.1145/3411764.3445383>
- Ortoleva, P. (2019). *Miti a bassa intensità*. Einaudi.
- Patel, N. (2024). Replika CEO Eugenia Kuyda says it's okay if we end up marrying AI chatbots. *The Verge*. <https://www.theverge.com/24216748/replika-ceo-eugenia-kuyda-ai-companion-chatbots-dating-friendship-decoder-podcast-interview>
- Phan, T. N. (2019). Amazon Echo and the aesthetics of whiteness. *Catalyst: Feminism, Theory, Technoscience*, 5(1), 1–38. <https://doi.org/10.28968/cftt.v5i1.29586>
- Pilling, F., & Coulton, P. (2019). Forget the singularity, its mundane artificial intelligence that should be our immediate concern. *The Design Journal*, 22(sup1), 1135–1146. <https://doi.org/10.1080/14606925.2019.1594979>
- Pink, S., Sumartojo, S., Lupton, D., & Heyes La Bond, C. (2017). Mundane data: The routines, contingencies and accomplishments of digital living. *Big Data & Society*, 4(1), 1–12. <https://doi.org/10.1177/2053951717700924>

- Robinson, O. C. (2014). Sampling in interview-based qualitative research: A theoretical and practical guide. *Qualitative Research in Psychology*, 11(1), 25–41. <https://doi.org/10.1080/14780887.2013.801543>
- Sartori, L., & Bocca, G. (2023). Minding the gap(s): public perceptions of AI and socio-technical imaginaries. *AI & Society*, 38(2), 443–458. <https://doi.org/10.1007/s00146-022-01422-1>
- Schwitzgebel, E. (2023). The full rights dilemma for AI systems of debatable moral personhood. *ROBONOMICS: The Journal of the Automated Economy*, 4, 32. <https://journal.robonomics.science/index.php/rj/article/view/32>
- Seidensticker, R. B. (2006). *Future hype: The myths of technology change*. Berrett-Koehler Publishers. <http://www.loc.gov/catdir/enhancements/fy0712/2005054586-d.html>
- Shank, D. B., Graves, C., Gott, A., Gamez, P., & Rodriguez, S. (2019). Feeling our way to machine minds: People's emotions when perceiving mind in artificial intelligence. *Computers in Human Behavior*, 98, 256–266. <https://doi.org/10.1016/j.chb.2019.04.001>
- Shaw, A. (2017). Encoding and decoding affordances: Stuart Hall and interactive media technologies. *Media, Culture & Society*, 39(4), 592–602. <https://doi.org/10.1177/0163443717692741>
- Shneiderman, B. (2022). *Human-Centered AI*. Oxford University Press.
- Silverstone, R. (2005). Domesticating domestication. Reflections on the life of a concept. In T. Berker, M. Hartmann, Y. Punie, & K. J. Ward (Eds.), *Domestication of media and technology* (pp. 229–248). Open University Press.
- Skågeby, J. (2018). Imagined interaction: Visualizing human-machine communication. *Journal of Digital Media & Interaction*, 1(1), 7–21.
- Skjuve, M., Brandtzæg, P. B., & Følstad, A. (2024). Why do people use ChatGPT? Exploring user motivations for generative conversational AI. *First Monday*, 29(1), <https://doi.org/10.5210/fm.v29i1.13541>
- Skjuve, M., Følstad, A., Fostervold, K. I., & Brandtzaeg, P. B. (2021). My chatbot companion: A study of human-chatbot relationships. *International Journal of Human-Computer Studies*, 149, 102601. <https://doi.org/10.1016/j.ijhcs.2021.102601>
- Sparkes, M. (2022). No sign of a machine mind yet. *New Scientist*, 254(3391), 9. [https://doi.org/10.1016/S0262-4079\(22\)01039-9](https://doi.org/10.1016/S0262-4079(22)01039-9)
- Stephens, E. (2023). The mechanical Turk: A short history of ‘artificial artificial intelligence’. *Cultural Studies*, 37(1), 65–87. <https://doi.org/10.1080/09502386.2022.2042580>
- Suchman, L., Gerst, D., & Krämer, H. (2019). ‘If you want to understand the big issues, you need to understand the everyday practices that constitute them.’ Lucy Suchman in Conversation With Dominik Gerst & Hannes Krämer. *Forum Qualitative Sozialforschung Forum: Qualitative Social Research*, 20(2), <https://doi.org/10.17169/fqs-20.2.3252>
- Timmermans, S., & Tavory, I. (2012). Theory construction in qualitative research. *Sociological Theory*, 30(3), 167–186. <https://doi.org/10.1177/0735275112457914>
- Tracy, S. J. (2010). Qualitative quality: Eight “big-tent” criteria for excellent qualitative research. *Qualitative Inquiry*, 16(10), 837–851. <https://doi.org/10.1177/1077800410383121>
- Umbrello, S., & Van de Poel, I. (2021). Mapping value sensitive design onto AI for social good principles. *AI and Ethics*, 1(3), 283–296. <https://doi.org/10.1007/s43681-021-00038-3>
- Willim, R. (2024). *Mundania: How and where technologies are made ordinary*. Bristol University Press.
- Willoughby, B. J., Dover, C. R., Hakala, R. M., & Carroll, J. S. (2025). Artificial connections: Romantic relationship engagement with artificial intelligence in the United States. *Journal of Social and Personal Relationships*, 42(12), 3363–3387. <https://doi.org/10.1177/02654075251371394>
- Winkle, K., Lagerstedt, E., Torre, I., & Offenwanger, A. (2023). 15 years of (Who)man robot interaction: Reviewing the H in human-robot interaction. *ACM Transactions on Human-Robot Interaction*, 12(3), 1–28. <https://doi.org/10.1145/3571718> .
- Wythoff, G. (2013). Pocket wireless and the shape of media to come, 1899–1922. *Grey Room*, 51, 40–63. https://doi.org/10.1162/GREY_a_00106
- Ytre-Arne, B., & Moe, H. (2021). Folk theories of algorithms: Understanding digital irritation. *Media, Culture & Society*, 43(5), 807–824. <https://doi.org/10.1177/0163443720972314>