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Communication in Hot Areas—Technology and Sign-Systems for **Emergency First Responders**

[LI Magnussen](#), [GE Torgersen](#), [O Boe...](#) - ... Communication in the ..., 2024 - Springer
 ... the crisis communication of **emergency first responders** (EFR) ... **Emergency first responders** are the core of operations during ... confidence in it because solving a problem is the main **goal**. ...
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Taking a leap of faith: insights from UK **first responders** on instantaneous trust

[E Nichele](#), [S Weerawardhana](#), [Y Lu](#) - Humanities and **Social Sciences** ..., 2025 - nature.com
 ... **aims** to formalise the verbal and nonverbal components contributing to communication effectiveness in **emergency response** ... of the **robot**, specifically the gestures, manner of **speaking** ...
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[PDF] nature.com

[HTML] **Collaborative robots (cobots) for disaster risk resilience: a framework for swarm of snake robots in delivering first aid in emergency situations**

[SKR Moosavi](#), [MH Zafar](#), [F Sanfilippo](#) - Frontiers in **Robotics** and AI, 2024 - frontiersin.org
 ... of snake **robots**, **first responders** and ... **purpose** of the operation is for the multi-snake **robot** swarm to retrieve a distinctly colored **object** (marked as a green cube) from a **first responder** ...
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[HTML] frontiersin.org

Using a LLM-based conversational agent in the **social robot** Mini

[I Esteban-Lozano](#), [Á Castro-González...](#) - ... Conference on Human ..., 2024 - Springer
 ... , smart **speakers**, or **social robots** (SRs). Unlike the mentioned electronic devices, a ... into our **social robot** Mini a conversational agent based on a LLM. We **aim** to create a new **robot** skill ...
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Social robot assisted music course based on **speech** sensing and deep learning algorithms

[X Dan](#) - Entertainment Computing, 2025 - Elsevier
 ... The **application** of **social robots** in music course teaching is an innovative teaching model ... With the **application** of voice sensing and deep learning algorithms, the **social robots** designed ...
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Social robots and edge computing: integrating cloud **robotics** in **social** interaction

[TR Grumeza](#), [TA Lazăr](#), [AE Fortiș](#) - ... Networking and **Applications**, 2024 - Springer
 ... The main **objective** is to enhance **social robots** ability to interact ... **speech** recognition from a limited dictionary to a much broader but slightly slower one it is significant that the **social robot** ...
 ☆ Save Cite Cited by 4 Related articles All 2 versions

[PDF] researchgate.net

Human-**robot** dynamics: a psychological insight into the ethics of **social** **robotics**

[A Boch](#), [BR Thomas](#) - International Journal of Ethics and Systems, 2025 - emerald.com
 ... ongoing integration of psychology into **social robotics** ethics. We **aim** to accomplish this by ... positive perception, thus, ensure the **robot** has an ability to adapt to the user it is **talking** with. ...
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[PDF] emerald.com

[HTML] Human-**robot** interaction and **social robot**: The emerging field of healthcare **robotics** and current and future perspectives for spinal care

[IH Han](#), [DH Kim](#), [KH Nam](#), [JI Lee](#), [KH Kim...](#) - ..., 2024 - pmc.ncbi.nlm.nih.gov
 ... **aim** of this review paper is to introduce the fundamental concepts of HRI and **social robots**, examine their current **applications** ... [39] designed a **spoken** dialogue system (SDS) for **use** in ...
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[HTML] nih.gov

Exploring the role of empathy in designing **social robots** for elderly people

[BN De Carolis](#), [G Palestra](#), [G Castellano](#) - Adjunct Proceedings of the ..., 2024 - dl.acm.org
 ... **aim** to investigate the acceptance of a personal **social robot** ... **speech** through its microphones, **talk** through its **speakers**, ... be **used** in the senior's home as a personal **robot** companion...
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Nadine: A large language model-driven intelligent **social robot** with affective capabilities and human-like memory

[H Kang](#), [M Ben Moussa...](#) - Computer Animation and ..., 2024 - Wiley Online Library
 ... -agent frame for **social robots**, **social robotics** reasoning and acting... of **social robots** and **aims** to increase the quality of human-... user **speech**, gestures and facial expressions via the **robot** ...
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[PDF] wiley.com