

Expression of interest in collaborating as a partner on Horizon Europe calls

On behalf of Wyke Stommel of the Institute for Language Studies of Radboud University, we would like to express interest to cooperate as a partner in the following areas of Horizon Europe. More information about researcher and institute can be found below. For questions or remarks, please email collaborate@ru.nl.

Cluster: 4. Digital, Industry and Space;

Horizon Europe calls and topics: HORIZON-CL4-2022-HUMAN-01-01:AI for human empowerment (potentially also "Pushing the limits of robotics cognition")

Deadline: 22 April 2022

Brief description of contribution as a partner: Willing to act as a Work package leader or co-coordinator. I am interested in Human Robot Interaction as a form of conversation. My contribution would contribute to AI-systems' reactivity, fluidity and intuitivity to use. Expertise on the following topics:

- Conversation analysed as applied to human robot interaction
- Research of where HRI "goes wrong" in terms of what is said and done, how it is designed linguistically
- Experience in observation of videorecorded interactions between humans and the AI-system.

Specialist in ethical aspects of online data research

Looking to join a Consortium: consisting of AI-experts that aims to develop conversational AI systems in general or one in particular. Preferably the system is developed for and used in a real-world environment (e.g., health, public services, transport, democracy, etc.).

Relevance of expertise/previous research: Unique expertise for the AI community specifically on language and social interaction (conversation analysis, specifically of digital interaction). Previous projects on digital interaction, funded by NWO "Comprehensible language use", academic hospital Radboudumc, professional organisation (MIND).

Wyke Stommel: My research concerns spoken and mediated communication (video, instant messaging, chat) and institutional interaction (physician-patient, counselling, decision making, polite interrogations, etc.) on the basis of conversation analysis. This frequently involves direct collaboration with professionals and training of professionals (e.g., www.carmtraining.org). Furthermore, I work on methodological aspects of research, such as the ethics.

<https://www.ru.nl/english/people/stommel-w/>

Centre for Language Studies: The Centre for Language Studies is a research institute dedicated to the understanding of language and the way we use it. Our researchers study this fascinating topic from different perspectives and in several contexts, using a variety of innovative research methods. CLS aims to conduct research that is also valuable for organisations and audiences outside the academic world.



Radboud University:

Radboud University and Radboudumc have been actively involved in EU Framework Programmes, having coordinated 260 projects (including FP7, H2020, Erasmus+ and 3HP programmes).

The organisations together secured funding for 268 FP7 projects (including individual and collaborative research) from 2007 to 2014. Between 2014 and 2020, Radboud University and Radboudumc received more than 200 million EUR from the European Commission for 278 research and innovation projects, making it to top three Dutch organisations with highest net EU contribution in Horizon 2020.

Radboud researchers are particularly successful in ERC and MSCA grants as well as projects with European consortia covering the topics of Health, Climate Action, Future and Emerging Technologies, ICT, Food Security, Biotechnology, Transport, Energy, Space and Security, Inclusive and Reflective Societies, Nanotechnologies, Advanced Materials and Research Infrastructures. [More information](#).

For more information or questions: collaborate@ru.nl.