Prof. Catherine Pelachaud
Sorbonne University, France

Interacting with Socially Interactive Agent

Our research work focuses on modeling Socially Interactive Agents, i.e. agents capable of interacting socially with human partners, of communicating verbally and non-verbally, of showing emotions but also of adapting their behaviors to favor the engagement of their partners during the interaction. As partner of an interaction, SIA should be able to adapt its multimodal behaviors and conversational strategies to optimize the engagement of its human interlocutors. We have also been working on endowing an agent to respond to social touch by a human and to touch the human to convey different intentions and emotions. We have developed models to equip these agents with these communicative and social abilities. In this talk, I will present the works we have been conducted.

Prof. Catherine Pelachaud is Director of Research in the laboratory ISIR, Sorbonne University. Her research interest includes socially interactive agent, nonverbal communication (face, gaze, gesture and touch), and adaptive mechanisms in interaction. With her research team, she has been developing an interactive virtual agent platform, Greta, that can display emotional and communicative behaviors. She has participated in the organization of international conferences such as IVA, ACII and AAMAS. She is and was associate editors of several journals among which IEEE Transactions on Affective Computing, ACM Transactions on Interactive Intelligent Systems and International Journal of Human-Computer Studies. She is co-editor of the ACM handbook on socially interactive agents (2021-22).

January 31st 2023
11:00-12:00
Hybrid: UT Hongo Campus
Eng. Bld 2 (3F) room 31A

skype

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