



LREC 2022 Workshop
Language Resources and Evaluation Conference
20-25 June 2022

**Smiling and Laughter across Contexts and the Life-span
(SmiLa2022)**

PROCEEDINGS

Editors:

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Catherine Pelachaud
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Proceedings of the LREC 2022 workshop on Smiling and Laughter across Contexts and the Life-span (SmiLa 2022)

Edited by:

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Message from the General Chair

This volume documents the Proceedings of the SmiLa2022 Workshop on Smiling and Laughter across Contexts and the Life-span, held on the 24th of June 2022 as part of the LREC 2022 conference (International Conference on Language Resources and Evaluation).

Smiling and Laughter are crucial communicative means in our interaction and can affect importantly the meaning of our utterances, the unfolding of the dialogue, and the relationship between interactants. Previous research provided us with important insights into the role of smiling and laughter in interaction, how they "work" and how to process them. Nevertheless, there are still many open questions and under-explored areas of investigation, which given the multidimensional nature of smiling and laughter need a multidisciplinary approach to be addressed. The main aim of our workshop is therefore to highlight these still unresolved questions encouraging sharing in terms of insights, methods, and resources across domains and fields, in order to further boost the interdisciplinary collaborations which are already intrinsically at the core of the community. As a multidisciplinary workshop, we invited contributors of different backgrounds to share their work revolving around smiling and laughter with the main goal to push further the boundaries reached by previous work, to improve the fluidity of resources exchanges and inter-disciplinary collaborations in order to deepen our understanding of these communicative displays and build applications able to recognise, process, and produce them when desirable.

Organizers

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Gary McKeown – School of Behavioural Sciences, Queen’s University Belfast (UK)
Kevin El Haddad – ISIA, University of Mons (BELGIUM)

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Workshop Program

Friday, June 24, 2022

09:00–09:19 Welcoming and SmiLa introduction by Kevin El Haddad and Chiara Mazzocconi

09:19–09:39 Key Note 1 - Gary McKeown

09:39–10:30 Oral Session 1

09:39–09:56 *Toward a Semi-Automated Scoping Review of Virtual Human Smiles*

Sharon Mozgai, Jade Winn, Cari Kaurлото, Andrew Leeds, Dirk Heylen and Arno Hartholt

09:56–10:13 *Are you Smiling When I am Speaking?*

Auriane Boudin, Roxane Bertrand, Magalie Ochs, Philippe Blache and Stephane Rauzy

10:13–10:30 *Gender Differences, Smiling, and Economic Negotiation Outcomes*

Paulina Hiersch, Gary McKeown, Ioana Latu and Magdalena Rychlowska

10:30–11:00 Coffee break

11:00–11:34 Oral Session 2

11:00–11:17 *A Measure of the Smiling Synchrony in the Conversational Face-to-face Interaction Corpus PACO-CHEESE*

Stéphane Rauzy, Mary Amoyal and Béatrice Priego-Valverde

11:17–11:34 *Analysis of Co-Laughter Gesture Relationship on RGB videos in Dyadic Conversation Context*

Hugo Bohy, Ahmad Hammoudeh, Antoine Maiorca, Stéphane Dupont and Thierry Dutoit

11:35–11:55 Key Note 2 - Catherine Pelachaud

11:55–12:50 Poster session + Discussions and networking

11:55–12:50 *You make me laugh! Friends, strangers and neurodiversity*

Ceci Cai, Lucie Vigreux, Manying Chiu, Bangjie Wang, Alexis Macintyre, Sarah White and Sophie Scott

11:55–12:50 *Intergroup Bias in Smile Discrimination in Autism*

Ruihan Wu, Antonia Hamilton and Sarah White

Continued

- 11:55–12:50 *Inhalation Noises as Endings of Laughs in Conversational Speech*
Jürgen Trouvain, Raphael Werner and Khiet Truong
- 11:55–12:50 *Are there any body-movement differences between women and men when they laugh?*
Ahmad Hammoudeh, Antoine Mairorca, Stéphane Dupont and Thierry Dutoit
- 11:55–12:50 *Laughter During Cooperative and Competitive Games*
Magdalena Rychlowska, Gary McKeown, Ian Sneddon and William Curran
- 12:50–13:00 Closing remarks and way forward**

