1. First and Last Name(s), Organization of author/group of authors *

Laura Scheepmaker, TU Wien (Vienna)

2. Email address of corresponding author

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3. Could you briefly describe the research project(s) relevant to this workshop and that you'd want to share? (overall timeline, methodology, children involved)

I am part of the Social Play Technologies project (http://socialplay.at) since 2017, where we co-design technologies with neurodiverse children that support social play. I have conducted over 30 participatory design workshops with three groups of children at two different schools over the past 2,5 years and designed two interactive prototypes together with my team which we evaluate now. Each group consists of 5 children, all of them are neurodiverse developing (the majority is autistic, but we also have children with ADHD and a child with trisomy 21). I am currently working on a teacher toolkit that comprises participatory design methodologies and interactive technologies, which hopefully allows teachers to continue our work in the future. We apply participatory design methods (based on the work of Druin, Benton, Iversen, Spiel, Frauenberger...) and involve the children actively in each step of the design process. During this workshop I would like to share my experiences when designing with neurodiverse children. As we are close to the end of our research project, I am especially interested in reflecting on which approaches worked well/not so well, and how we can plan for sustainability of our research results (beyond academia) and our social impact.

4. If you have already published about this(ese) project(s), what types of contributions have you made?

☐ Artifact-centered

☑ Methodological

☐ Design space/Implications (intermediate-level design knowledge)

☐ User-study

☑ Theoretical implications/frameworks

☐ Documents to improve practices of people working with the children (social workers, educators, therapists, teachers...)

☐ Patent

☐ | Other |

5. Which type of venues have you published/are you planning to publish in?

◉ HCI

○ Non-HCI

○ Both

6. If you have published/are planning to publish in non-HCI venues, what kind of fields did you aim to contribute to?

| |

7. What kind of insights do you think research with marginalised children bring to the field of Children-Computer Interaction?

| - new perspectives from groups that are often not "heard" or asked - awareness of |

marginalised groups - new methodological insights, "traditional" approaches must be tailored to diverse skills/needs or how to do workshops with a diverse group of people - ethical considerations

8. Are there challenges you have experienced / are experiencing regarding formulating the contributions of your research?

Mainly within my faculty (informatics), because HCI is only a small part and our contributions (and approaches, ethics...) differ from the other disciplines.

9. In terms of workshop organizing, what type of participation modalities would you prefer?

☐ Primarily a synchronous discussion (skype, zoom etc) of challenges, recommendations, and your research, supported by shared documents

☑ Primarily an asynchronous discussion (slack, discord) of challenges, recommendations, and your research, with synchronous moments to meet and network (such as virtual coffee breaks)

☐ A publication of all submissions based on this form as workshop contributions online

☐ No publication of these submissions

☑ Write-up of a summary of all submissions by the organizers on the website and on social media

☐ Other