



MAR. 21, 2022

LETTER OF INFORMATION / CONSENT FORM

For **participants** in the study: Investigating Group Synchronization, Flow, and Complexity with Group Drumming Tasks

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Sponsors: SSHRC, NSERC

Purpose of the Study:

We are investigating how people are able to organize their movements together when drumming as a group. We are interested in how this group behaviour is affected by the different rhythms people are drumming, and whether people are drumming the same rhythm together or different rhythms together.

Description of the Research:

We may ask you some background questions. You will then be asked to drum together with 3 other participants, according to notated rhythms. After each trial, you will also complete a short (13 question) survey about your subjective experience of the drumming. The study will involve motion capture of the drumsticks you will use. The drumsticks have reflective markers on them for this purpose.

- This study will be recorded using 1 video camera and the drumming will be recorded via the electronic drum pads within the theatre that will be used for later analysis.
- You will also be asked to make various judgments or provide responses about the performance by either using one of the lab's computer tablets or with pen and paper. The types of questions asked will be demonstrated at the beginning of the study. We ask that you do not look at other people's responses or discuss your responses with those seated around you.

The entire process will take around 90 minutes. If at any time during the process you need assistance, please raise your hand and a research assistant will come to help you.

Potential Harms: The risks of participating are minimal. You may choose to not answer questions on the questionnaires if they make you feel uncomfortable. As you are in a theatre with other participants, other participants will know that you participated.

Potential Benefits: The results will not benefit you directly, but will increase our understanding of how people interact, using music and performance as a model, which is important for understanding human behaviour and building healthy societies.

Study Incentive: You will be compensated with \$25 for your participation or 1.5 credits if you are participating via the SONA subject pool.

Confidentiality: As you are in a theatre with many other people, other participants will see that you are also a participant. However, your responses will be identifiable by only a participant code and the researcher will not know who corresponds to what participant code. All potentially identifying data will be kept confidential and securely stored in the LIVELab and may be used for future research. Data may be uploaded to an online repository and made publically available however all raw survey data will go through a process of determining potential identifiability and an anonymous dataset created prior to sharing.

Motion capture recordings will contain video that includes your identity; however, these videos will not be distributed and will remain secured on the LIVELab servers

Confidentiality will be respected and no information that discloses your identity will be released or published without your consent. Data collected by LimeSurvey is stored on secure servers at McMaster University. All data and recordings will remain in Dr. Trainor's lab, stored in de-identified form for possible future analysis, until such time as they are destroyed.

Participation and Withdrawal: Participation in research is voluntary. If you choose to participate, you can skip any question you prefer not to answer and are free to withdraw from the study at any time without any negative consequences, even after signing this form. In the case of withdrawal, all response data will be destroyed. If you wish to withdraw while in the theatre, raise your hand and a research assistant will help you disconnect from the recording system and leave the main theatre.

Ethics Review: This study has been reviewed by the McMaster University Research Ethics Board and received ethics clearance. If you have concerns or questions about your rights as a participant or about the way the study is conducted, please contact:

McMaster Research Ethics Secretariat

Telephone: (905) 525-9140 ext. 23142

C/o Research Office for Administrative Development and Support

E-mail: ethicsoffice@mcmaster.ca

Contact: If you have any questions about this study, you may contact the lab via email livelab@mcmaster.ca, or by telephone: 289-335-0870 x101

CONSENT

- I acknowledge that the research procedures have been explained to me and that any questions that I have asked have been answered to my satisfaction.
- I have been informed of the right not to participate and the right to withdraw at any time without any negative consequences during the experiment or up until one week after the date I participated. I am also aware of the potential harms and benefits of participating.
- I know that I may ask now, or in the future, any questions I have about the study or the research procedures.
- I have been assured that individual results will be kept confidential and that no information will be released or printed that would disclose my personal identity without my permission, unless required by law.
- I understand that my anonymized data may be used for future research or uploaded to an online repository and made publically available.
- I understand that I will be offered a copy of this form to keep.

I, _____, hereby consent to participate.

I consent to being [**videotaped** | **audiotaped** | **photographed**] for the following purposes:

- | | |
|---|----------|
| (i) to be viewed by researchers involved in the project for scientific purposes | (yes/no) |
| (ii) to be presented at scientific conferences or in scientific journals | (yes/no) |
| (iii) to be used for teaching purposes | (yes/no) |
| (iv) to be used for news or publicity purposes | (yes/no) |

If you would be interested in receiving a newsletter summarizing the results of this and other studies conducted in the LIVELab, please fill in your email address in the space below.

I wish to receive emails from the LIVELab (**yes** / **no**)

Use this email address to send me updates about LIVELab: _____