

Title of the Proposed Tutorial

First/Lead Tutorial Organiser¹[0000-1111-2222-3333] and Second Tutorial Organiser²[1111-2222-3333-4444]

¹ Princeton University, Princeton NJ 08544, USA

² Springer Heidelberg, Tiergartenstr. 17, 69121 Heidelberg, Germany
contact_email_for_lead_organiser@here.com

Keywords: First Keyword, Second Keyword, Third Keyword.

1 Overview of proposed tutorial

1.1 Symposium themes addressed

Please indicate which symposium themes this tutorial will address by retaining entries from the following list and deleting all others.

Affective computing; Architectural acoustics; Artificial intelligence applied to sound and music; Audio signal processing; Auditory perception and cognition; Augmented and smart musical instruments; Aural diversities; Bioacoustics; Computational musicology; Cooperative music networks; Deep listening; Digital audio effects; Digital communities; Digital music libraries; Embodied musical interaction; Evaluation of creative music systems; Extended reality (VR/AR/MR) and music; Human-computer interaction applied to music; Intelligent music tutoring systems; Legacy / historic media and technologies; Live coding; Media archaeology; Motion and gesture; Multimodal perception; Music and emotions; Music education; Music ethnography; Music games and interactive learning; Music information retrieval; Music production and composition tools; Music representation and visualization; Music structure analysis; Music transcription; Musical interface design; Optical music recognition; Oral histories & storytelling; Place and sound; Semantic web; Sonification and musification; Sound and music in visual media; Sound source separation; Sound studies & sonic anthropology; Sound synthesis; Soundscape and acoustic ecology; Spatial audio; User studies (e.g., ethnography, UI/UX)

1.2 Brief Description

Please provide a short summary of the proposed tutorial content in **150-250 words**. Please use British English in this section and throughout this document. Please note that material in Section 1 of this template may appear in the symposium programme. Please note that the first paragraph of a section or subsection is not indented. Subsequent paragraphs, however, are indented.

CMMR 2025 invites the submission of proposals for tutorial sessions related to all aspects of multidisciplinary fields regarding music and computers. We particularly welcome submissions linked to this year's topic "Sound, Music: Space, Place".

Tutorials are intended to be interactive sessions for the participants and those who would like to show their work. They are a great way to share expertise and experience on a specific topic appealing to the symposium audience.

As a guide, previous editions of the symposium have included tutorials relating to various areas within: sound interaction and design theory; technical training in specific software or tools; strategies for musical/sound control, modelling and analysis; and scripting, algorithm or networking tools.

Please state if your proposal is linked to a proposal in another track (e.g. a performance, paper or special session).

For citations of references, we prefer the use of square brackets and consecutive numbers. Citations using labels or the author/year convention are also acceptable. The following bibliography provides a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4], as well as a URL [5].

1.3 Indicative Activities

Please summarise the types of activities will the session include (e.g., hands-on exercises, demonstrations, discussions). **Max 60 words.**

1.4 Specific Learning Objectives

1. Please list up to four learning objectives for this tutorial.
2. These should indicate what attendees should be able to do or understand by the end of the session.
3. **Max 150 words**

1.5 Target Audience

Max 100 words. Who is most likely to benefit from this session? As a guide, CMMR attracts a wide range of individuals from varied national and professional backgrounds. Represented disciplines include computer science and engineering; performance, composition and musicology; cognitive science and psychology; neuroscience & physiology; education; and design and interaction. Participants are drawn from various roles including established academics, postdoctoral and early career researchers; doctoral and graduate students; independent researchers and artists; industry practitioners and developers; and educators and accessibility advocates.

Acknowledgments. A third level heading in 9-point font size at the end of the Tutorial is used for general acknowledgments, for example: This study was funded by X (grant number Y).

Disclosure of Interests. It is now necessary to declare any competing interests or to specifically state that the authors have no competing interests. Please place the statement with a third level heading in 9-point font size beneath the (optional) acknowledgments, for example: The authors have no competing interests to declare that are relevant to the content of this article. Or: Author A has received research grants from Company W. Author B has received a speaker honorarium from Company X and owns stock in Company Y. Author C is a member of committee Z.

References

1. Author, F.: Article title. Journal **2**(5), 99–110 (2016)
2. Author, F., Author, S.: Title of a Symposium Tutorial. In: Editor, F., Editor, S. (eds.) SYMPOSIUM 2016, LNCS, vol. 9999, pp. 1–13. Springer, Heidelberg (2016)
3. Author, F., Author, S., Author, T.: Book title. 2nd edn. Publisher, Location (1999)
4. Author, F.: Contribution title. In: 9th International Conference on Conferences, pp. 1–2. Publisher, Location (2010)
5. LNCS Homepage, <http://www.springer.com/lncs>, last accessed 2023/10/25

2 Logistical and technical information

Information in this section will not appear in the symposium programme but is necessary to enable the organising committee to assess the technical and logistical viability of submitted proposals and support session facilitators.

Please get in touch with the Tutorial Track Chairs Ross Purves (r.purves@ucl.ac.uk) and Brian Castriota (b.castriota@ucl.ac.uk) with any queries.

As a general guide, CMMR can provide basic equipment (1 table, 2–3 chairs, at least 1 UK standard-rated power socket, Wifi connection). If you have any specific requirement (e.g., larger space, use of devices with high power consumption, such as projectors), please indicate below and also contact the tutorial track chairs, although your request may or may not be accepted (subject to discussion with the chairs).

2.1 Preferred tutorial date and length

Please note that whilst we will take your preferences into consideration, final scheduling will depend on the overall symposium timetable and may differ from what you list here.

- *Preferred date of tutorial (Please delete as appropriate)*

First day of symposium (3 November) Last day of symposium (7 November)

- *What is the ideal duration for your tutorial? (Please delete as appropriate)*
- 1 hour 2 hours Half day Full day

2.2 Minimum and Maximum Number of Attendees

Please note that whilst we will take your preferences into consideration, final numbers will be dictated by the total number of confirmed participants and the number of parallel sessions in operation.

- *What is the ideal maximum number of participants?*
- *Is there a minimum number required for the session to function effectively?*

2.3 Technical Requirements

Software

- *Please list all software needed for the tutorial. For each, please provide a URL for download or access.*
- *Will attendees need to install this software in advance?*
- *Will attendees need to create any accounts or access any online systems in advance?*
- *Will they need access to any licensed materials, and if so, how will this be achieved? (e.g., subscription-based software, pay-wall content or materials requiring institutional licensing)?*

Hardware

- *Will attendees need to bring their own laptops?*
- *Can alternative devices (e.g., tablets, smartphones) be used instead of laptops?*
- *Will attendees need to provide any additional, personal equipment (e.g., headphones, microphones, audio interfaces, USB sticks, external mouse, mobile device)?*

Presenter Equipment

- *Will you be bringing any hardware for use during the session? Please describe this if so.*
- *What voltage does this equipment require? If not 220–240V, will you provide the necessary transformers?*
- *Are there any other technical requirements for this equipment?*

2.4 Venue and Infrastructure Needs

Tutorials will take place across a variety of spaces in UCL campuses at Here East and UCL East (Marshgate).

- *Will you require the local organising committee to provide any additional equipment or facilities (e.g., projectors, extension leads, power strips, HDMI adapters)?*
- *Are there any other non-technical requirements (e.g., specific room layout, whiteboards)?*
- *Will you need the local organising committee to print or photocopy any handouts?*

2.5 Tutorial Materials:

You can upload up to 3 files of tutorial materials along with your proposal (see the upload form for more details of the accepted file formats). Please also answer the following questions.

- *Will you provide materials (e.g., worksheets, demo files) in advance of the session?*
- *Will materials be distributed during the session only?*
- *Will materials remain available online after the session for public access?*
- *What formats and approximate sizes will the tutorial materials be?*
- *Can materials be made accessible in accordance with universal design for learning principles so that all attendees can make use of them? (e.g., screen reader compatibility, captions, alternative text).*