

Parallel Session

Tangencies**Developing Interdisciplinary Methods for Composition and Performance in Western Art Music**

This project was a practice-led research of interdisciplinary approaches to contemporary Western Art Music composition and performance, with a focus on the incorporation of technology and theatrical and dance elements. The research addressed the following issues: the context and processes involved in interdisciplinary creation in this field, the development of technological tools for use in interdisciplinary experiences with dancers, actors, and musicians, the comparison of creative strategies in contemporary Western Art Music with those used in other artistic and scientific disciplines, and the development of experimental methods for interdisciplinary creative work in music.

The main questions articulating the inquiry were: which processes could guide the creation of new interdisciplinary work involving new technologies in the context of Western Art Music? What would happen if I changed my approach towards composition and performance applying different methods derived from studying and training in other scenic disciplines? How can I produce software and hardware tools which I could then use as a basic technological setup to conduct interdisciplinary experiences with dancers, actors and musicians?

To address these research questions, creative practice was central to the project. The artist drew upon previous experiences with the [socSMC](#) project at the Department of Neuro- and Pathophysiology at UKE Hamburg, which investigates social cognition through the lens of sensorimotor interaction patterns. González involvement in this project included experimental design, sound design, data collection, and analysis, and inspired the incorporation of conceptual and technological tools taken from this field into his artistic practice.

Tangencies also involved the creation of a series of pieces, which incorporated the previously mentioned tools and were performed by various ensembles. The creation of those pieces served as a case study for examination. To study the methods used during the creation process, the artist conducted interviews with the performers and observed and analyzed rehearsals and performances. He also kept a detailed diary and compared the final products in relation to the initial ideas. The main expected outputs of the research were: a technological toolset (soundworld, interfaces, technological devices), an interdisciplinary methods and reflection toolset, strategies for composing, designing, and collaborating applicable to González and others, and four pieces of artwork.

Notes:

The presentation will be accompanied by examples of performances, software and scores. These are three video documentations of pieces I will comment on:

Fluid Engine: <https://www.youtube.com/watch?v=FloKu8yFXAs>

Hybrids: <https://www.youtube.com/watch?v=V14v2-VdY4Q>

Courante: <https://www.youtube.com/watch?v=0hCV-TG5fHM>

Parallel Session



Pedro González Fernández
ESMUC (Barcelona, Spain)
pgonzalez2@esmuc.cat

Pedro González is a Spanish violinist, composer, and researcher specialized in multidisciplinary and intermedia art projects. He received his bachelor's degree in violin performance from Escuela Superior de Música de Catalunya (ESMUC) and later participated in the European joint Masters program in Contemporary Performance and Composition (CoPeCo) in Tallinn, Lyon, Stockholm, and Hamburg. Since 2018, he has been working on his PhD in composition at the Hochschule für Musik und Theater Hamburg (HfMT) under the guidance of Professor Alexander Schubert. His compositions have been performed at various prestigious festivals in Europe, including the Internationales Musikfest Hamburg, the International Computer Music Conference, the Sound & Music Computing Conference, the Centre National de Création Musicale (GRAME), or the Musica Festival in Strasbourg, among others. In March 2021, Pedro was appointed Professor for Contemporary Music, Multimedia Composition, and Non Idiomatic Improvisation at ESMUC in Barcelona. He also gives seminars on live electronics and multimedia at the Musikhochschule Lübeck and works as a freelance composer and violinist in Spain and Northern Germany.

Personal Website: <http://www.pedrogonzalezfernandez.com/>