

Hochschule für Musik

Introducing Cello Mapp

Colloquium 48 mit Ellen Fallowfield (Vortrag)

Dienstag, 17. März 2020, 19 Uhr
Musik-Akademie Basel, Z. 6-301
Eintritt frei

The Cello Mapp, an extension to the popular webpage www.cellomap.com, is a smart phone app that helps cellists and composers find cello harmonics and multiphonics. I will demonstrate how to use the tool and discuss the process of building it, and the background research into multiphonics that informed the resulting fingering charts. In addition, I will introduce the recent publication of related scientific results about string multiphonics in *Tempo* journal (<https://www.cambridge.org/core/journals/tempo>), and the many unanswered musical and scientific questions that are yet to be explored.

Ellen Fallowfield is an active performer and researcher in the field of contemporary music. She studied cello at the Hochschule für Musik, Basel, Zürcher Hochschule der Künste, and KUG, Graz. A grant from the Leverhulme Trust enabled her PhD studies at the University of Birmingham/Hochschule für Musik, Basel. She created the Cello Mapp smartphone application and webpage www.cellomap.com during research fellowships at the Hochschule für Musik, Basel sponsored by the SNF and Maja Sacher Foundation and is currently researching contemporary cello Etudes at the same institution, funded by an SNF Spark fellowship.