

FACTSHEET

HKB GEHT AN LAND LA HKB TOUCHE TERRE



Cheese in Surround Sound – a culinary art experiment

‘Cheese in Surround Sound – a culinary art experiment’ (*Käse beschallen – Experiment zwischen Klang und Kulinarik*), is a joint project by the Bern University of the Arts, HKB, and the Swiss town of Burgdorf.

‘HKB Goes Ashore 2018’ (*HKB geht an Land 2018*) is an artistic co-operation of Bern University of the Arts, HKB, and the Swiss town of Burgdorf in the Emme Valley. From September 2018 until March 2019, students from various HKB departments and their partners in Burgdorf are elaborating projects that will be presented to the public. The students follow in the footsteps of itinerant tradespeople who used to practice their skills at one business or farmstead, making cheese, for example. Students in literature and visual communication are spending time in Burgdorf to create and design a magazine, *Stadtmagazin*, for the town. Percussion students and carpentry apprentices from the *Bildungszentrum Emme* training centre are building wood percussion instruments for a concert performance. Sound arts students have designed an experiment that involves several cheeses ripening in a stone cellar for seven months surrounded by a range of sound frequencies and musical pieces.

The experiment

‘Cheese in Surround Sound’ (*Käse beschallen*) is a culinary art experiment that asks whether sound waves affect the metabolic processes in ripening cheese to the extent that a sono-chemical impact on taste and flavour can be detected. Several Emmental cheeses branded *Muttenglück* (‘Lucky Turf’) have been ripening in individual wooden boxes at *Käsehaus K3* since September 2018. Each cheese is surrounded by a specific sound, five musical pieces and three sounds at different frequencies. One reference box is not being exposed to sound:

1. No sound (reference box)
2. Ambient: Yello – ‘Monolith’
3. Classical: W.A. Mozart – ‘The Magic Flute’
4. Techno: Vril – ‘UV’
5. Rock: Led Zeppelin – ‘Stairway to Heaven’
6. Medium frequency: 200 kHz
7. High frequency: 1000 kHz
8. Hip hop: A tribe called quest – ‘We Got (the Jazz)’
9. Low frequency: 25 kHz

In spring 2019, the cheeses will be chemically analysed for flavour substances. The results will be made public and a panel of culinary experts will give their verdicts at a presentation and tasting event on Thursday, 14 March 2019, 6pm. Depending on the outcome, a ‘Musical Cheese’ may then be commercially produced.

Production and partners

- Producer: Beat Wampfler, Käsehaus K3 Burgdorf
- Artistic concept and support: Prof. Dr. Michael Harenberg, Director of Studies, Sound Arts HKB; students Pascal Lund-Jensen, Manolo Müller, Simon Walker, Raphael Hitz, Sound Arts HKB
- 'HKB Goes Ashore 2018' (*HKB geht an Land*): Christian Pauli, Project Leader, HKB
- Scientific support: Prof. Dr. Tilo Huehn, ZHAW – Zürich University of Applied Sciences

Bern University of the Arts HKB

The Bern University of the Arts HKB is the first transdisciplinary teaching and research institution of its kind in Switzerland. Its 1,200 BA, MA and PhD students (in a joint doctoral program with the University of Bern) can choose from a wide range of highly personalised courses in music, arts and design, in conservation and restoration, in drama, opera and literature. The HKB places a high value on education and training that equips professionals for a rapidly changing world. Manageable in size and with a welcoming atmosphere, the HKB is as proud of its outstanding infrastructure in two Swiss cities of culture, Bern and Biel/Bienne, as it is of innovative teaching methods that keep abreast of current artistic and scientific developments. The HKB is a truly unique university.

Käsehaus K3

K3 stands for cheese (*Käse*), culture (*Kultur*) and cooperage (*Küblerei*). The beating heart of K3 is the Burgdorf *Käsehaus* built by Heinrich Fehr in 1853 to store and mature Emmental cheese for export. In 2017 the modernised building became the home of Fromage Mauerhofer, artisan cheese-makers. In terms of culture, K3 hosts a wide range of events including concerts and art exhibitions. From the original cooperage on the second floor, Emmental cheeses were once shipped overseas in bespoke wooden crates made here. These days, cheese is again made ready for shipping from the cooperage, which also includes a cheese-testing laboratory, a workshop for creative woodwork, and space for cultural events.

Contact and further information:

Christian Pauli
Head of Communications & Publications / Project Leader *HKB geht an Land*
HKB – Bern University of the Arts
BFH – Bern University of Applied Sciences
Fellerstrasse 11
3027 Bern, Switzerland
christian.pauli@hkb.bfh.ch

hkb.bfh.ch
hkbgehtanland.ch

CP, Nov.2018

HKB

Hochschule der Künste Bern
Haute école des arts de Berne
Bern University of the Arts



Experiment and sound control system - sound boxes for cheese

HKB

Hochschule der Künste Bern
Haute école des arts de Berne
Bern University of the Arts



Christian Pauli (Project manager HKB Goes Ashore / head of communication HKB), Dagmar Kopše (Cultural Officer City of Burgdorf), Virginie Halter (Management HKB Goes Ashore). Simon Walker (HKB Soundarts), Manolo Müller (HKB Soundarts), Raphael Hitz (HKB Soundarts) Beat Wampfler (CEO Käsehaus K3), Prof. Dr. Michael Harenberg (Director of Studies, Sound Arts HKB),



BFH / 20181128_HKB_Cheese in Surround Sound_FACT-SHEET_E.docx / 29 November 2018

