



CLIMATE BY EAR [SCIENCE BY EAR 3]

September 3-5, 2014

Institute of Electronic Music and Acoustics (IEM)
University of Music and Performing Arts (KUG)
Graz, Austria

**An interdisciplinary Workshop to
bring together experts in sonification,
audio programming, and climate
science to collaborate, hack and design
novel sonifications of data.**

Climate by Ear (Science by Ear 3)

Institute of Electronic Music and Acoustics (IEM)

This workshop introduces the SysSon platform for systematic sonification of scientific data. Relevant sonification tools and example data sets will be discussed. Afterwards, participants will work in interdisciplinary teams of sonification experts, data scientists, and audio programmers. The hack session will entail the development of two tasks that include sonification strategies and experimentation with the SysSon platform via iterative coding. Scripts for data input and basic sound synthesis routines will be prepared in advance to allow participants to focus on the sonification design process.

Program

Wednesday, 3rd September 2014

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| 10.00 | Registration and Welcome |
| 10.30 | Introduction to Climate Data
Prof. Andrea Steiner from Wegener Center for Climate and Global Change |
| 11.30 | Introduction to SysSon Platform
SysSon Team from IEM |
| 12.30 | Lunch Break |
| 14.00 | Hands on exploration of Usability of SysSon |
| 16.00 | Hackathon, Task 1 |
| 19.00 | Social Dinner in Graz |

Thursday, 4th September 2014

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| 9.00 | Hacking continues |
| 11.00 | Presentation and Discussion of Task 1 |
| 12.30 | Lunch Break |
| 14.00 | Hackathon, Task 2 |
| 16.00 | Coffee Break |
| 19.00 | Social Dinner |

Friday, 5th September 2014

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| 9.00 | Presentation of Task 2 |
| 10.30 | Discussion and Surveys |
| 12.30 | Closing Words |