



**ERC = Science<sup>2</sup>**  
**"Music and Sound", 27 - 30 September**  
**Activities in Curiosity centre ZIN00, Cēsis, Latvia**

Theme: Music

Programme

ZIN00 has a handful of interactive exhibits that relate to the sound and music, people will be guided to those exhibits during that week.

**Sept 27, Thursday**

Schools, teachers and pupils. Groups from the region of Vidzeme (where Cesis is located) will be invited beforehand to the thematic day of "Music". Pupils will join practical workshops and hands-on activities.

12:00 Launch of the event, stand of Science<sup>2</sup> opened  
13:00 - 14:00 "Different instruments and different sounds"  
15:00 - 16:00 "Physics of sound"

**Sept 28, Friday**

- 12:00 Physics of sound
- disassemble and transfer of the Science<sup>2</sup> stand to the "European Researchers Night"
- 19:00 beginning of the "European Researchers Night"; Expected number of visitors: between 3500-5000 visitors
- 21:30 "Science in Music" Performance by Gundega Graudina and following presentation by Dr. Fang Liu. Number of participants shall be limited to 60. G. Graudina will perform set of different musical pieces on the classical and electric bass guitar (approx. 20-30 minutes). Wrap-up discussion and presentation by Dr. Fang Liu on hear research about how the human brain processes pitch information.

**Sept 29, Saturday**

General public

11:00 - 12:30 performance by Gundega Graudina and presentation by Dr. Fang Liu  
13:00 - 14:00 ERC grantee Michael Ellison's presentation of his research on transcultural music practices with audio and video samples.  
15:00 - 16:30 Workshop of ERC grantee Michael Ellison with Latvian musicians Gundega Graudina, Diana Sus and pupils of the *Cesis Music Secondary School of Alfreds Kalnins*.

**Sept 30, Sunday**

General public

12:00 - 13:00 "Different instruments and different sounds"  
14:00 - 15:00 "Physics of sound"  
Closing performance by Gundega Graudina

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