

AIS³ [a i s k i u : b]

AIS³ –
a sound laboratory by

**TIM OTTO
ROTH**

in cooperation with the
IceCube Neutrino Observatory

**29.08. –
16.09.2018**

Opening:
28 August, 19-21h
St. Elisabeth, Berlin-Mitte

Symposium:
14./15.09.
Physics & Art[efact]

www.imachination.net/ais3

Invitation

28 August, 19-21h

AIS³[aiskju:b]

St. Elisabeth, Invalidenstr. 3,
10115 Berlin

Mo-Fr 15-21h | Sa/So 12-21h

Free admission

Further information:

www.imachination.net/ais3

Please RSVP by August 22th under
www.imachination.net/registration
or by mail with enclosed reply card.

Welcome and Opening Address:

Prof. Dr. Christian Stegmann (DESY)

Dr. Christian Spiering (DESY/Co-initiator aiskju:b)

Introduction:

Dr. Annabelle Görgen-Lammers (Kunsthalle Hamburg)

A spatial installation of 444 luminescent spherical loudspeakers suspended from the ceiling will alter the cultural church St. Elisabeth in the heart of Berlin this summer. Sounds travel through space – sometimes softly like a rain shower, other times like an eruption, so the visitor feels invited to move and become immersed in the light and sound environment in the darkened space. Upon closer inspection this fascinating instrument weaving microtonal sound carpets turns out to be an artistic-compositional interpretation of data from the craziest telescope in the world: The IceCube Neutrino Observatory which consists of 5160 light sensors that are frozen deep into the 3 km thick ice glacier above the South Pole. In total they cover a full cubic kilometer of ice. The sensors record tiny light flashes, which are generated in the rare interactions of neutrinos, the so-called “ghost” particles. The measured spherical or track-like energetic motion is the basic inspiration for this exceptional psycho-acoustic sound experiment by the composer and concept artist Tim Otto Roth, who developed with his team a sophisticated electronics and designed the light sculpture like loudspeakers.

The presentation is accompanied by a framework program organized by Deutsches Elektronen-Synchrotron DESY in Zeuthen. At the end of the three week presentation, leading experts from the sciences and humanities will discuss the relationship of “Physics and Art(efact)” in a two day symposium.

Gefördert durch:

