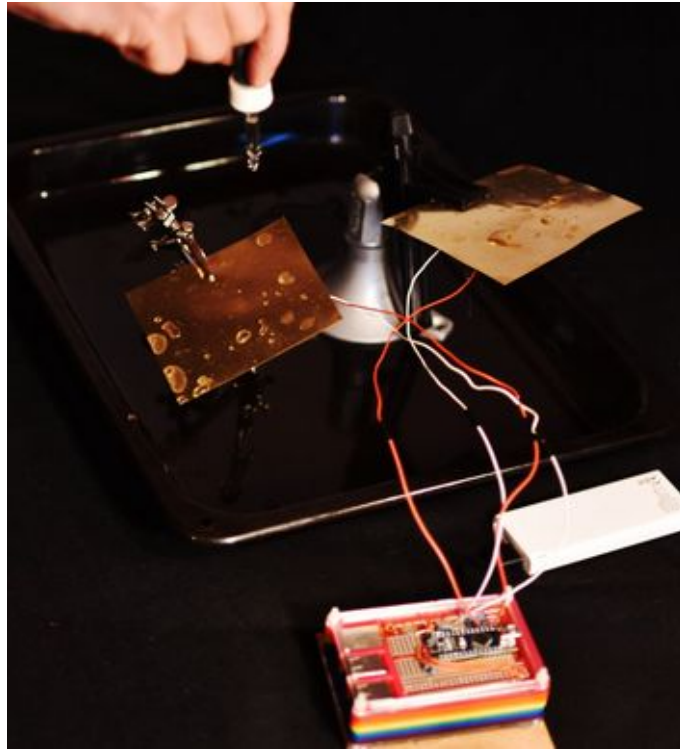


## Twilight-Measurements Components

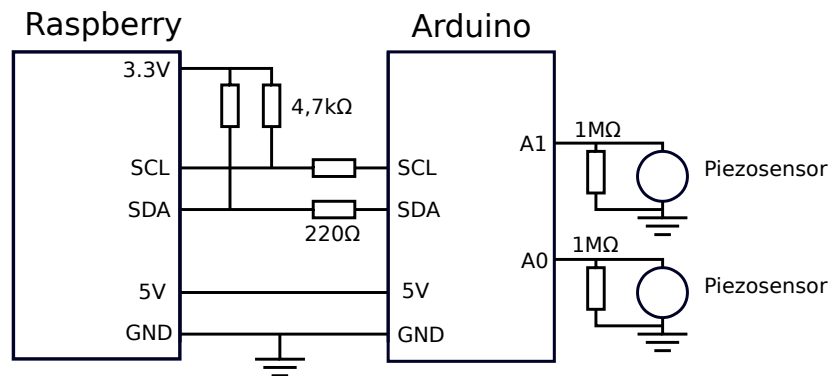
measures impulses, used for the melting ice of my twilight installations (see list of at the end of this document)



### List of Components

Component	Amount	Value / Model
sheet	Min 1-4	metal
Arduino	1	z.B. nano
Raspberry	1	3
Platine	1	Prototype-Head
Piezo	min. 1 - 4	
Resistors	2	4,7 kOhm
	2	220 Ohm
Pro Piezo	1	1 mOhm
cables		

## Circuit Diagram



draft: copyright Sabine Wolf

### Installation:

Python 2.7.3 with matplotlib pyplot, numpy

### Get started with commands:

```
python fetch_value.py
```

```
python plot.py logfile_datex.txt 300
```

(X: actual number of logfile written by fetch\_value.py)

### List of Twilight mixed media installations

Nation Of Godwana Festival, 2018,

<https://www.youtube.com/watch?v=yd8juvhld8>

Camp Tippsy, 2017

Group Global 3000, 2017,

<https://groupglobal3000.de/de/licht/>

Donau Ecke Ganghofer, Berlin , 2017/2018,

<https://donaugang.wordpress.com/2018/01/29/twilight-sylopp/>

"Twilight III" Ice Installation @cbase, 2016

<https://vimeo.com/176186171>

"Twilight I" Ice Installation at Gallery "Odra Zoo", Stettin (Polen), 2012

[https://youtu.be/EwxAlOOpiBM?list=UU-pO\\_7BNjYUTyeC7EL3ntpw](https://youtu.be/EwxAlOOpiBM?list=UU-pO_7BNjYUTyeC7EL3ntpw)

"Polar" - Ice, Dance Sound Performance, 2009

<http://peggy-sylopp.net/kunst/index.htm/PmWiki/POLAR>

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