



Projektowanie zorientowane na człowieka

Pomiary i analizy zachowań użytkowników
systemów informatycznych - GSR

Kamil Bortko

Zadanie:

Przygotowanie eksperymentu z wykorzystaniem GSR

1. Plan przebiegu eksperymentu. (scenariusz)
2. Stymulant, który zostanie wykorzystany w badaniu.
3. Kto będzie w grupie testowej, a kto w odbiorczej?
4. Efekty i cel badania.



Recording information

Recording	Recording2
Participant	kamil
Duration	00:05:16.356
Date & Time	19.11.2020 10:56

Gaze data

Gaze Filter	Tobii I-VT (Fixation)
Fill color	[Red]
Contrast color	[White]
Opacity	50 %
Size	30 %
Fading duration	2 sec
Maximal size	60 %

GSR Data

GSR Filter & analysis	Tobii GSR filter
Noise reduction settings:	
Moving median - window size:	500 ms
Moving mean - window size:	1000 ms
Downsampling to:	15 hz
SCR analysis settings:	
Minimum amplitude of SCR:	0.03 µV
ER-SCR Latency window:	from 1 s to 5 s after event onset

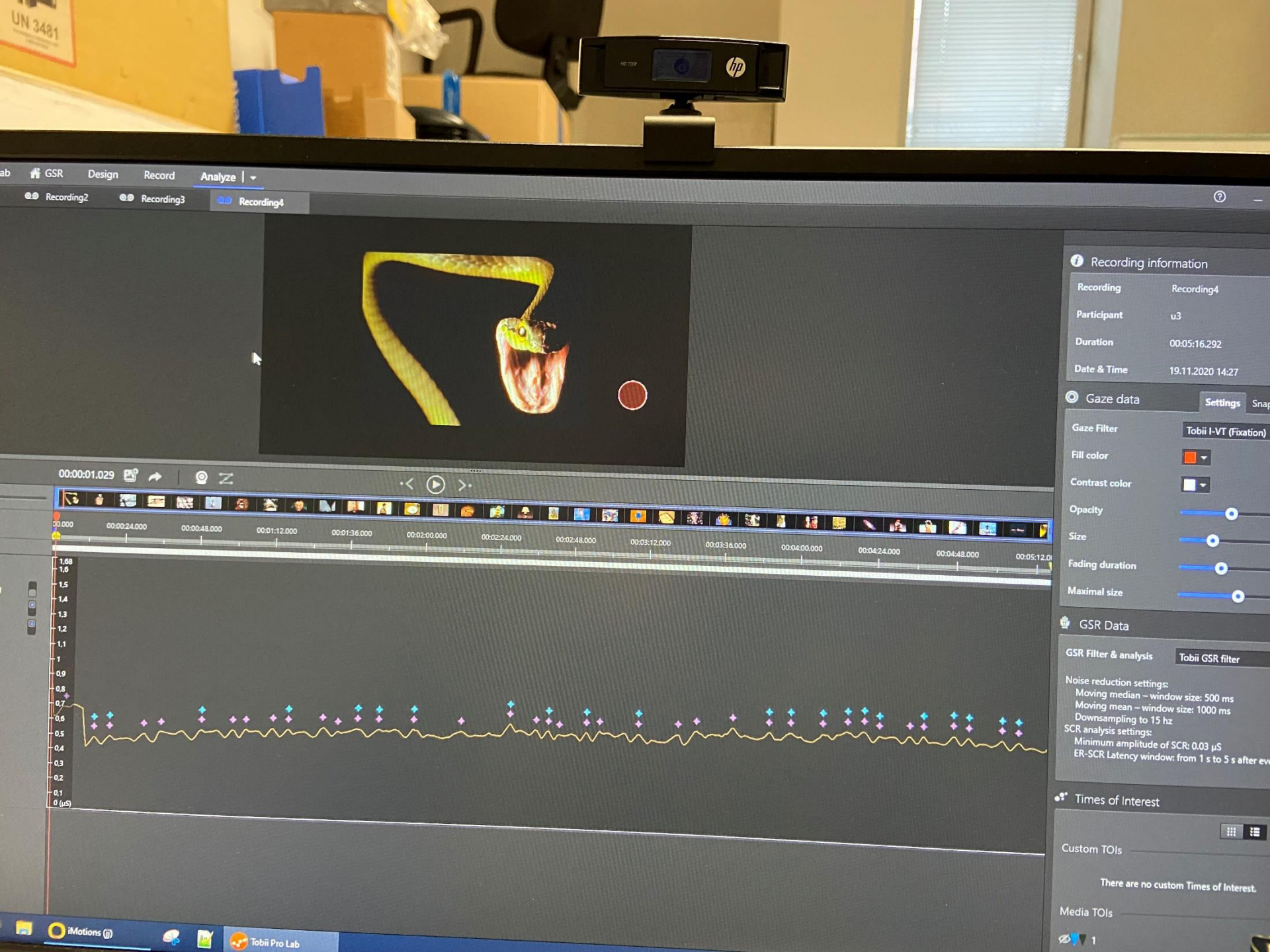
Times of Interest

Custom TOIs

There are no custom Times of Interest.

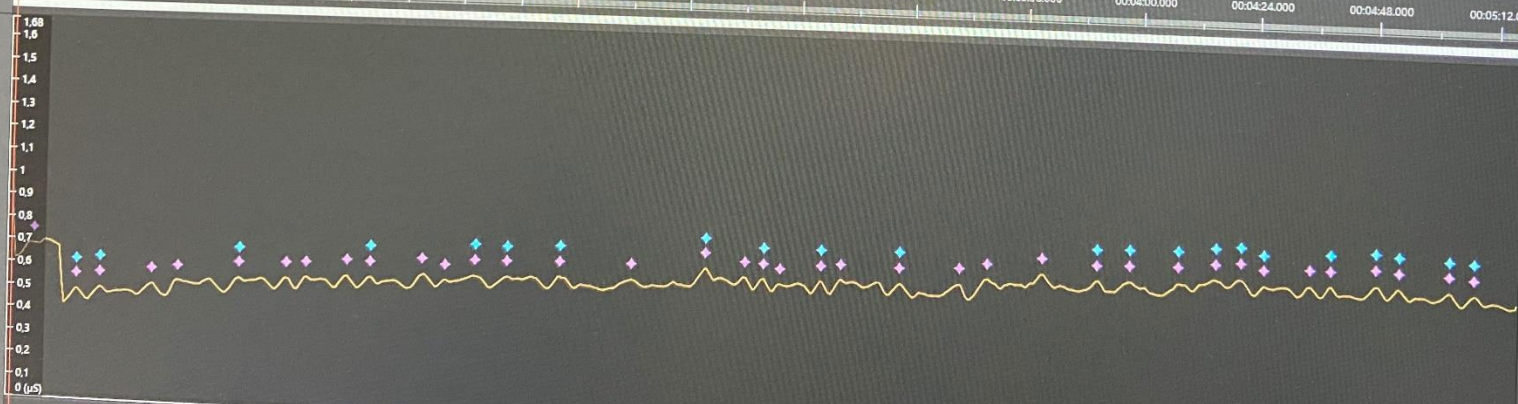
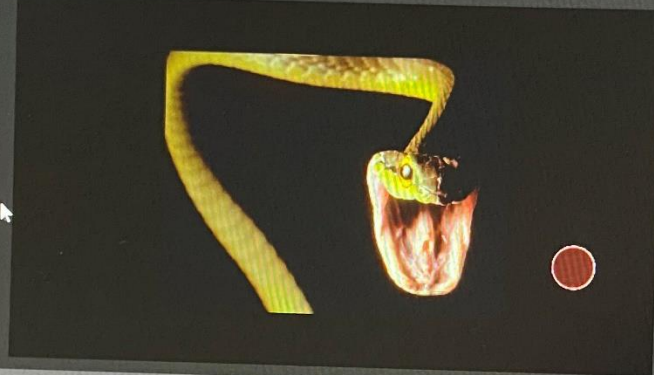
Media TOIs

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UN 3481

lab GSR Design Record Analyze |
Recording2 Recording3 Recording4



Recording information

Recording	Recording4
Participant	u3
Duration	00:05:16.292
Date & Time	19.11.2020 14:27

Gaze data Settings Snap

Gaze Filter Tobii I-VT (Fixation)

Fill color

Contrast color

Opacity

Size

Fading duration

Maximal size

GSR Data

GSR Filter & analysis Tobii GSR filter

Noise reduction settings:
Moving median - window size: 500 ms
Moving mean - window size: 1000 ms
Downsampling to 15 hz

SCR analysis settings:
Minimum amplitude of SCR: 0.03 μ S
ER-SCR Latency window: from 1 s to 5 s after event

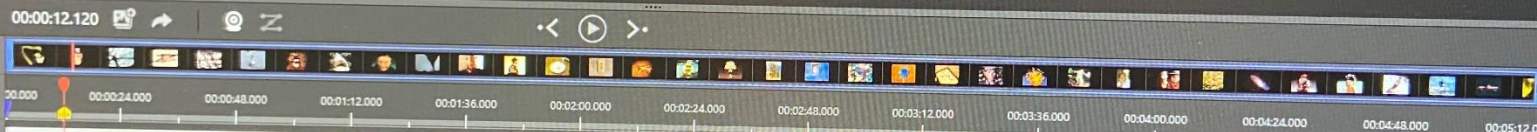
Times of Interest

Custom TOIs

There are no custom Times of Interest.

Media TOIs

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Recording information

Recording	Recording
Participant	u4
Duration	00:05:16
Date & Time	19.11.202

Gaze data

Gaze Filter	Tobii
Fill color	
Contrast color	
Opacity	
Size	
Fading duration	
Maximal size	

GSR Data

GSR Filter & analysis	Tobii GSR
Noise reduction settings:	
Moving median - window size:	50
Moving mean - window size:	100
Downsampling to:	15 Hz
SCR analysis settings:	
Minimum amplitude of SCR:	0.03
ER-SCR Latency window:	from 1 s

Times of Interest

Custom TOIs	
There are no custom Times of Interest	
Media TOIs	
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1x 00:00:12.120



Charts

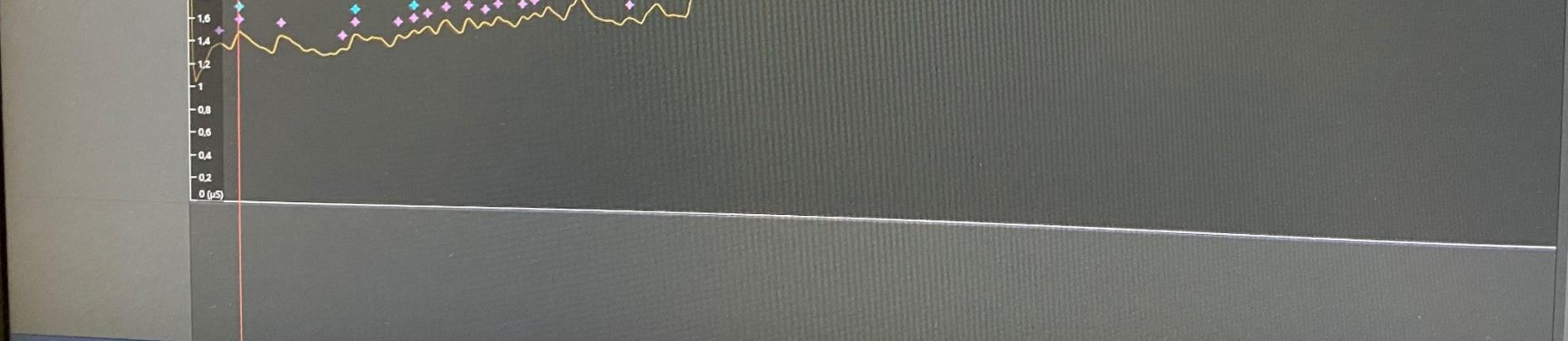
Eye movements

GSR data chart

Use autoscaling

SCR peak

ER-SCR peak



Recording in

Recording

Participant

Duration

Date & Time

Gaze data

Gaze Filter

Fill color

Contrast color

Opacity

Size

Fading duration

Maximal size

GSR Data

GSR Filter & analysis

Noise reduction setting

Moving median - win

Moving mean - win

Downsampling to 15

SCR analysis settings

Minimum amplitude

ER-SCR Latency wind

Times of Interest

Custom TOIs

There are no cu

Media TOIs

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