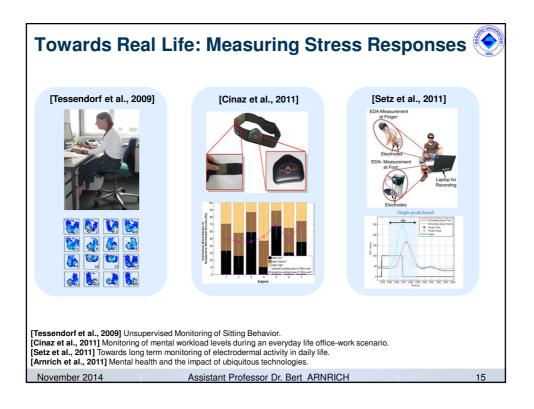
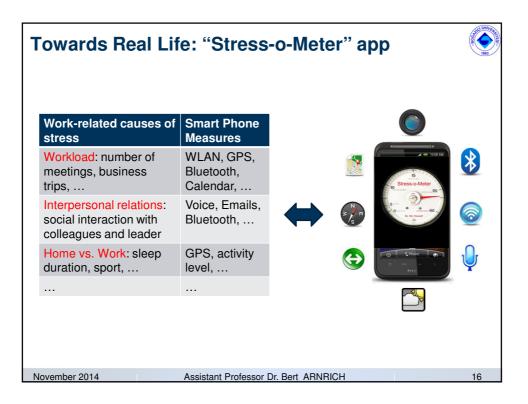
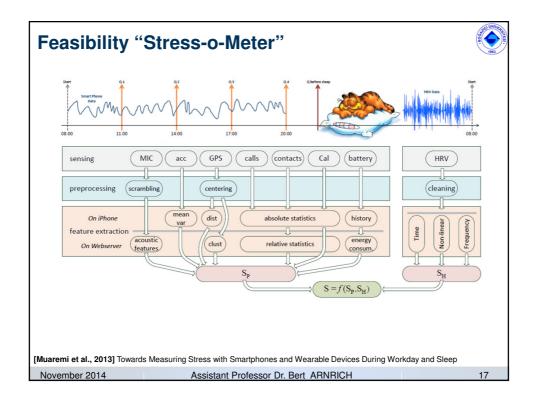


OM Class	ification R	lesults	
Method	Grid size	Accuracy training	Accuracy CV
SOM	3x3	71.14 ± 2.04	61.25 ± 3.48
SOM	5x5	83.48 ± 2.47	68.39 ± 3.04
SOM	7x7	92.43 ± 2.51	70.89 ± 2.92
XY-fused	3x3	78.95 ± 2.93	66.25 ± 2.59
XY-fused	5x5	97.66 ± 2.44	71.43 ± 2.23
XY-fused	7x7	99.66 ± 0.75	73.75 ± 2.53
	• ·	erformance with rising of 73.75% for unseer	•
ovember 2014	Assistar	nt Professor Dr. Bert ARNRICH	14



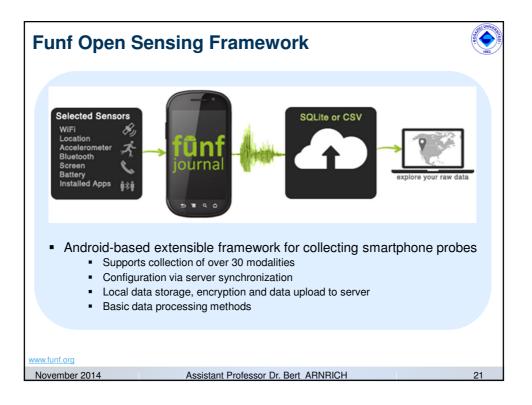




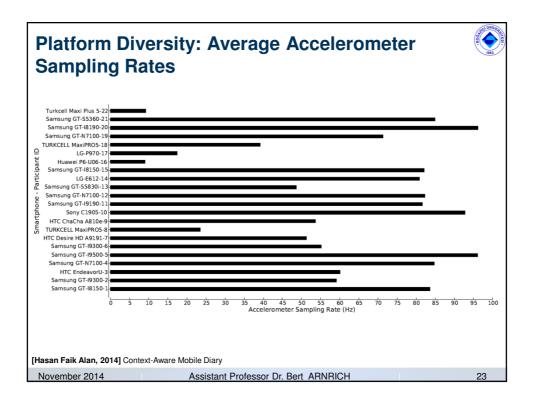


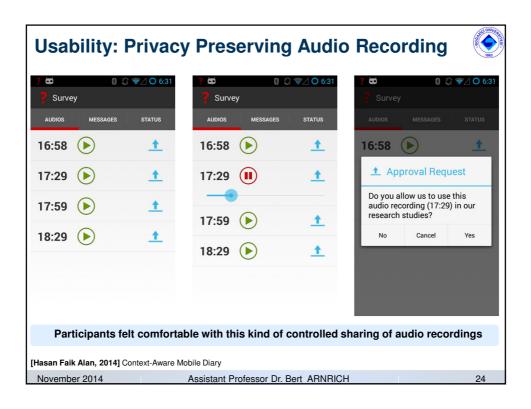


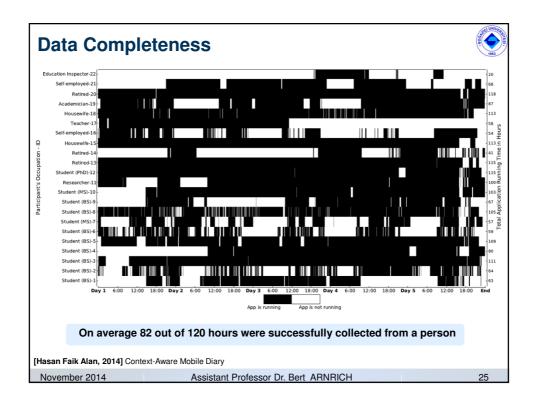


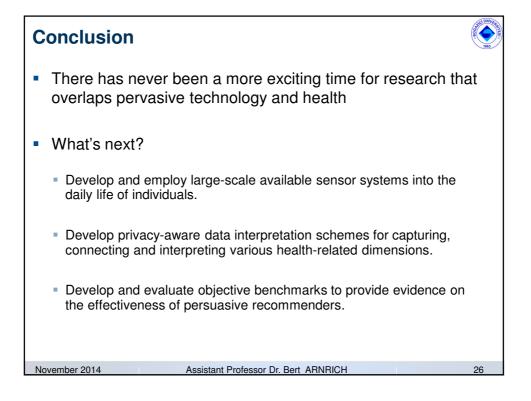


ID	Age	Occupation	Smartphone Model	Android Version
1	21	Student (BS)	Samsung GT-18150	4.0.4
2	21	Student (BS)	Samsung GT-19300	4.3
3	21	Student (BS)	HTC EndeavorU	4.3.1
4	22	Student (BS)	Samsung GT-N7100	4.3
5	23	Student (BS)	Samsung GT-19500	4.4.2
6	23	Student (BS)	Samsung GT-19300	4.3
7	23	Student (MS)	HTC Desire HD A9191	2.3.5
8	23	Student (BS)	TURKCELL MaxiPRO5	4.0.3
9	24	Student (BS)	HTC ChaCha A810e	2.3.5
10	26	Student (MS)	Sony C1905	4.1.2
11	30	Researcher	Samsung GT-19190	4.2.2
12	33	Student (PhD)	Samsung GT-N7100	4.3
13	50	Retired	Samsung GT-S5830i	2.3.6
14	52	Retired	LG-E612	4.0.3
15	52	Housewife	Samsung GT-18150	2.3.6
16	52	Self-employed	Huawei P6-U06	4.2.2
17	53	Teacher	LG-P970	4.0.4
18	54	Housewife	TURKCELL MaxiPRO5	4.0.3
19	56	Academician	Samsung GT-N7100	4.3
20	57	Retired	Samsung GT-18190	4.1.2
21	63	Self-employed	Samsung GT-S5360	2.3.6
22	63	Education Inspector	Turkcell Maxi Plus 5	4.0.4









Pervasive Health Conference 2015 in Istanbul





November 2014

27