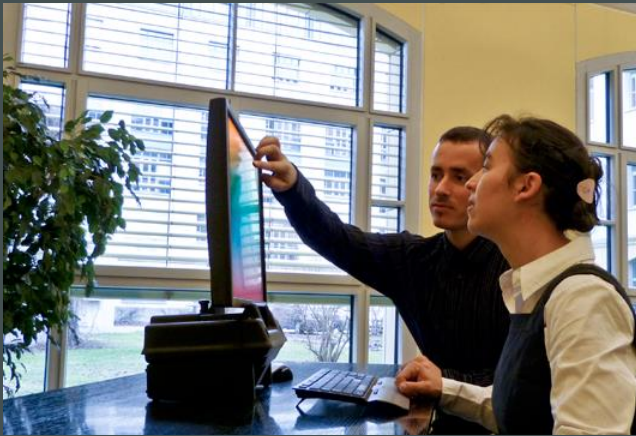


Interactive Minds



Eye Tracking Solutions

Stefan Wiedemann

the EyeFollower

- binocular - 120 Hz
- tracking range: 76x51x97 cm (without wide-lens)
- less than 0.4 degree accuracy
- spatial resolution: 0.2°
- 15 sec. automatic calibration (5/9/13 points)
- bright pupil method
- “operates on 90% of the people who try it, usable with most eyeglasses and contact lenses”

access and export of raw data

- raw gaze data
- fixations, saccades
- input devices (mouse, keyboard...)
- stimulus data (start, end, frame change, website events,...)
- synchronization data

SubjectID	FixStartTime	FixEndTime	FixDuration	FixX	FixY	PreSaccStartTime	PreSaccEndTime	PreSaccDuration	PreSaccAmplitudePixels	PreSaccAmplitudeDegrees	PostSaccStartTime	PostSaccEndTime	PostSaccDuration	PostSaccAmplitudePixels	PostSaccAmplitudeDegrees	ID
16	9,463	9,579	0,116	211	27	110,566	9,463	-101,103	1349		9,579	9,695	0,116	1023		46
16	9,695	10,143	0,448	639	955	9,579	9,695	0,116	1023		10,143	10,160	0,017	66		46
16	10,160	10,276	0,116	700	935	10,143	10,160	0,017	66		10,276	10,359	0,083	1032		46
16	10,359	10,791	0,431	229	18	10,276	10,359	0,083	1032		10,791	10,857	0,067	698		46
16	10,857	11,056	0,199	505	660	10,791	10,857	0,067	698		11,056	11,123	0,066	502		46
16	11,123	11,405	0,282	401	172	11,056	11,123	0,066	502		11,405	11,604	0,199	774		46
16	11,604	11,919	0,315	691	882	11,405	11,604	0,199	774		11,919	11,952	0,033	135		46
16	11,952	12,284	0,332	693	1019	11,919	11,952	0,033	135		12,284	12,367	0,083	900		46
16	12,367	12,748	0,381	807	114	12,284	12,367	0,083	900		12,748	12,781	0,033	74		46
16	12,781	13,130	0,348	798	197	12,748	12,781	0,033	74		13,130	13,644	0,514	752		46
16	13,644	14,009	0,365	1473	543	13,130	13,644	0,514	752		14,009	14,307	0,299	83		46

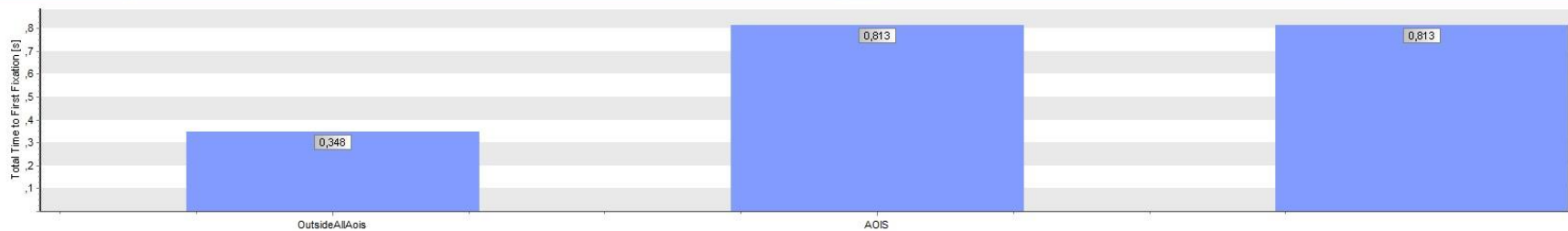
synchronisation

- timestamps (MS, SPSS)
- open API
- Windows Messenger
- Parallel Port

- extensions for
 - Morae
 - E-Prime
 - Presentation

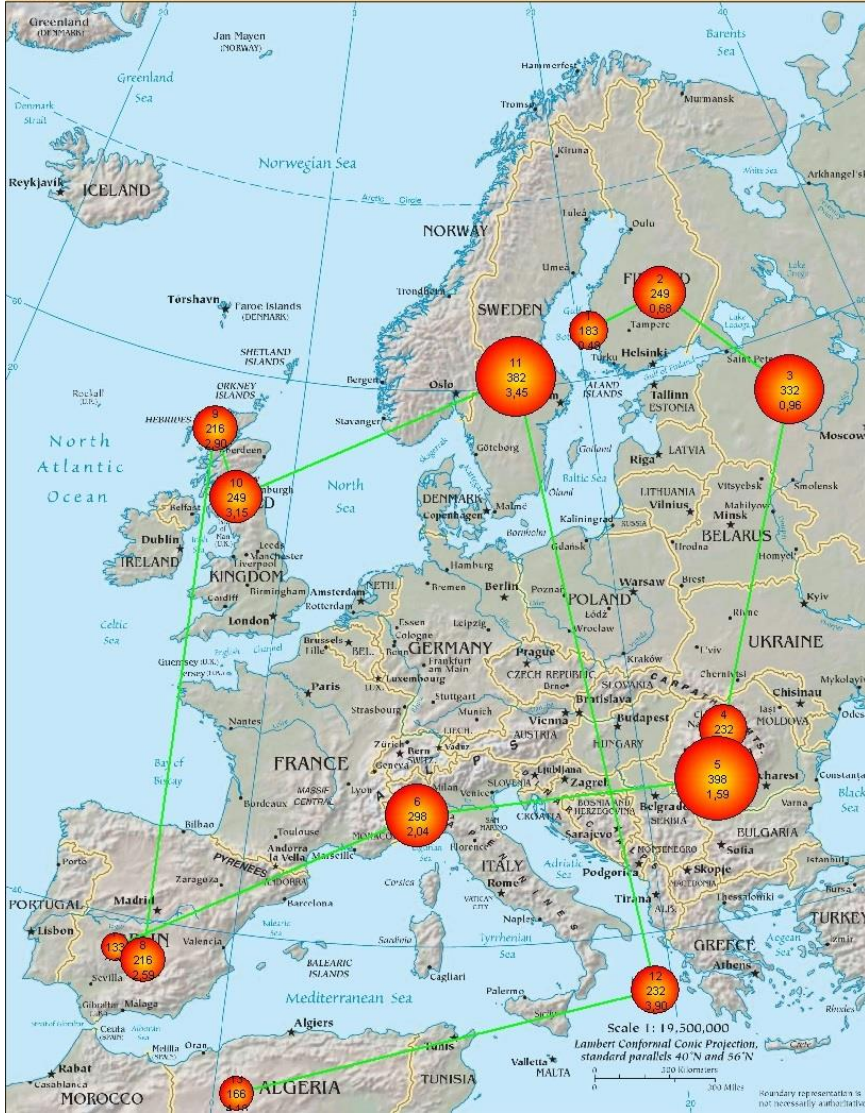
software NYAN

All subjects | europa_kontinent_cia_2007.jpg

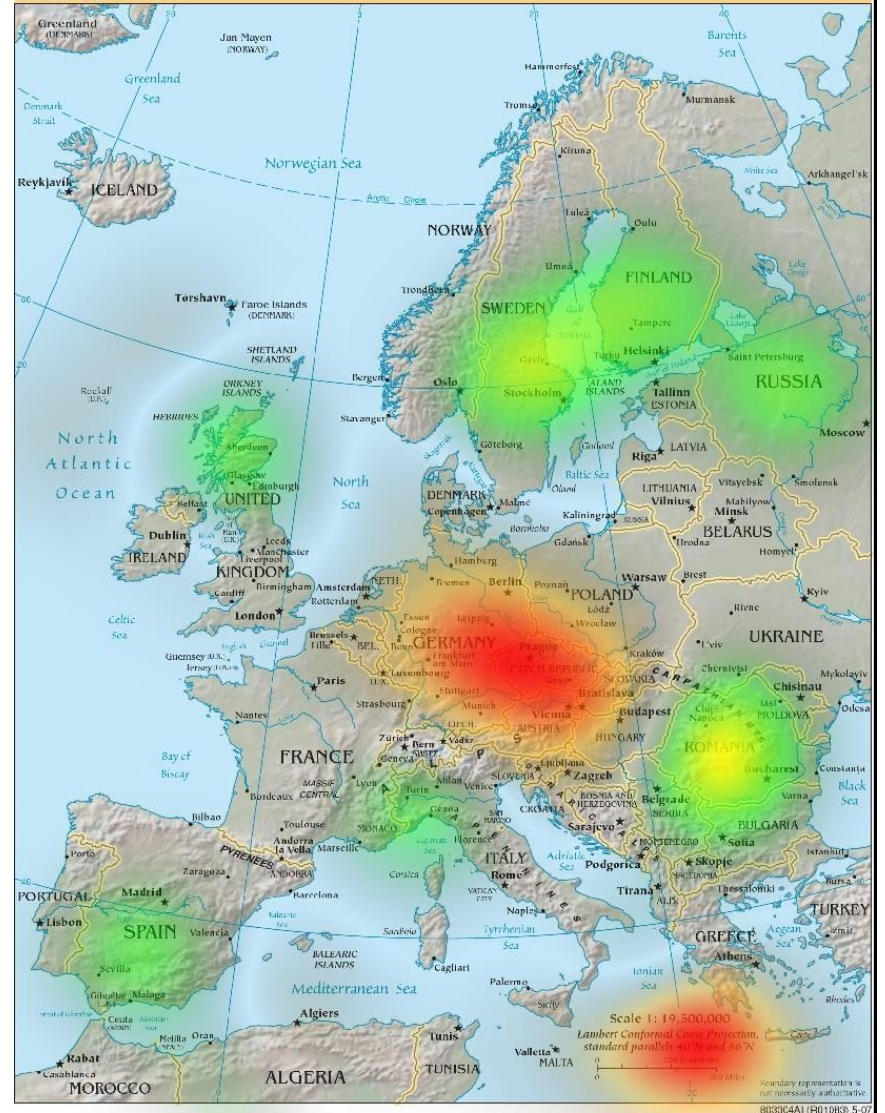


data analysis

EUROPE



EUROPE



support

- tutorial videos
- webinar
- manuals (installation, programmers, users, ...)
- NYAN References

data quality

- Eye Data Quality Group
- Eye Movement Researchers' Association

Interactive Minds

- questions?

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Thank you!