


TIME ANALYSIS HURDLES

	Biomechanic Research Mercedesstraße 83 D-70372 Stuttgart % +49-711-549981-45 Mail: salzer@osp-stuttgart.org	meeting: World Youth Championships 1999 event: 110m hurdles, boys	location: Bydgoszcz (Poland) date: July 17
	race: Final		scorer: Peter Salzer
	(Empty row)		
	(Empty row)		

name	Withey, Paul	Brahimi, Nassim	Withey, Paul	Ioannou, Stefanos	Walker, Joshua	Streese, Andre	Vorster, Ruan	Al Saihati Adel S.
club/country	FRA	QAT	CAN	CYP	USA	GER	RSA	KSA
lane	5	3	4	8	2	6	7	1
time (sec)	13.26	13.36	13.59	13.77	13.84	13.88	13.97	13.99
rank	1	2	3	4	5	6	7	8

split time (sec)								
tH1	2.64	2.68	2.68	2.64	2.64	2.68	2.64	2.64
tH2	3.68	3.68	3.76	3.72	3.72	3.80	3.76	3.68
tH3	4.72	4.76	4.80	4.80	4.78	4.86	4.86	4.80
tH4	5.74	5.72	5.86	5.84	5.82	5.96	5.94	5.84
tH5	6.68	6.76	6.86	6.92	6.86	6.96	6.96	6.88
tH6	7.68	7.76	7.92	8.00	7.92	8.04	8.08	7.98
tH7	8.72	8.80	8.92	9.06	8.98	9.08	9.12	9.12
tH8	9.68	9.88	9.96	10.12	10.06	10.14	10.16	10.20
tH9	10.76	10.86	11.04	11.20	11.16	11.24	11.28	11.32
tH10	11.82	11.92	12.08	12.28	12.30	12.36	12.40	12.48
finish	13.26	13.36	13.59	13.77	13.84	13.88	13.97	13.99

interval time (sec)								
approach	2.64	2.68	2.68	2.64	2.64	2.68	2.64	2.64
t(H1-H2)	1.04	1.00	1.08	1.08	1.08	1.12	1.12	1.04
t(H2-H3)	1.04	1.08	1.04	1.08	1.06	1.06	1.10	1.12
t(H3-H4)	1.02	0.96	1.06	1.04	1.04	1.10	1.08	1.04
t(H4-H5)	0.94	1.04	1.00	1.08	1.04	1.00	1.02	1.04
t(H5-H6)	1.00	1.00	1.06	1.08	1.06	1.08	1.12	1.10
t(H6-H7)	1.04	1.04	1.00	1.06	1.06	1.04	1.04	1.14
t(H7-H8)	0.96	1.08	1.04	1.06	1.08	1.06	1.04	1.08
t(H8-H9)	1.08	0.98	1.08	1.08	1.10	1.10	1.12	1.12
t(H9-H10)	1.06	1.06	1.04	1.08	1.14	1.12	1.12	1.16
run-in to the finish line	2.50	2.50	2.55	2.57	2.68	2.64	2.69	2.67

hurdles clearance (sec)								
tH1	0.32	0.36	0.36	0.32	0.32	0.32	0.32	0.32
tH2	0.32	0.34	0.40	0.34	0.34	0.36	0.34	0.32
tH3	0.36	0.38	0.34	0.36	0.34	0.38	0.32	0.34
tH4	0.38	0.32	0.36	0.32	0.32	0.40	0.34	0.32
tH5	0.32	0.34	0.34	0.32	0.30	0.32	0.32	0.30
tH6	0.32	0.32	0.36	0.36	0.32	0.36	0.38	0.32
tH7	0.36	0.36	0.36	0.34	0.32	0.36	0.34	0.32
tH8	0.32	0.42	0.36	0.34	0.34	0.34	0.32	0.32
tH9	0.36	0.34	0.38	0.36	0.32	0.36	0.36	0.32
tH10	0.34	0.44	0.36	0.34	0.34	0.36	0.34	0.36

TIME ANALYSIS HURDLES

fill in, don't print !

name	Doucoure, Ladj	Brahimi, Nassim	Withey, Paul	Ioannou, Stefanos	Walker, Joshua	Streese, Andre	Vorster, Ruan	Al Saihati Adel S.
club/country	FRA	QAT	CAN	CYP	USA	GER	RSA	KSA
lane	5	3	4	8	2	6	7	1
time (sec)	13.26	13.36	13.59	13.77	13.84	13.88	13.97	13.99
rank	1	2	3	4	5	6	7	8

	counter	counter	counter	counter	counter	counter	counter	counter
start	0:00:00.00	0:00:00.00	0:00:00.00	0:00:00.00	0:00:00.00	0:00:00.00	0:00:00.00	0:00:00.00
take off H1	0:00:02.32	0:00:02.32	0:00:02.32	0:00:02.32	0:00:02.32	0:00:02.36	0:00:02.32	0:00:02.32
touch down H1	0:00:02.64	0:00:02.68	0:00:02.68	0:00:02.64	0:00:02.64	0:00:02.68	0:00:02.64	0:00:02.64
take off H2	0:00:03.36	0:00:03.34	0:00:03.36	0:00:03.38	0:00:03.38	0:00:03.44	0:00:03.42	0:00:03.36
touch down H2	0:00:03.68	0:00:03.68	0:00:03.76	0:00:03.72	0:00:03.72	0:00:03.80	0:00:03.76	0:00:03.68
take off H3	0:00:04.36	0:00:04.38	0:00:04.46	0:00:04.44	0:00:04.44	0:00:04.48	0:00:04.54	0:00:04.46
touch down H3	0:00:04.72	0:00:04.76	0:00:04.80	0:00:04.80	0:00:04.78	0:00:04.86	0:00:04.86	0:00:04.80
take off H4	0:00:05.36	0:00:05.40	0:00:05.50	0:00:05.52	0:00:05.50	0:00:05.56	0:00:05.60	0:00:05.52
touch down H4	0:00:05.74	0:00:05.72	0:00:05.86	0:00:05.84	0:00:05.82	0:00:05.96	0:00:05.94	0:00:05.84
take off H5	0:00:06.36	0:00:06.42	0:00:06.52	0:00:06.60	0:00:06.56	0:00:06.64	0:00:06.64	0:00:06.58
touch down H5	0:00:06.68	0:00:06.76	0:00:06.86	0:00:06.92	0:00:06.86	0:00:06.96	0:00:06.96	0:00:06.88
take off H6	0:00:07.36	0:00:07.44	0:00:07.56	0:00:07.64	0:00:07.60	0:00:07.68	0:00:07.70	0:00:07.66
touch down H6	0:00:07.68	0:00:07.76	0:00:07.92	0:00:08.00	0:00:07.92	0:00:08.04	0:00:08.08	0:00:07.98
take off H7	0:00:08.36	0:00:08.44	0:00:08.56	0:00:08.72	0:00:08.66	0:00:08.72	0:00:08.78	0:00:08.80
touch down H7	0:00:08.72	0:00:08.80	0:00:08.92	0:00:09.06	0:00:08.98	0:00:09.08	0:00:09.12	0:00:09.12
take off H8	0:00:09.36	0:00:09.46	0:00:09.60	0:00:09.78	0:00:09.72	0:00:09.80	0:00:09.84	0:00:09.88
touch down H8	0:00:09.68	0:00:09.88	0:00:09.96	0:00:10.12	0:00:10.06	0:00:10.14	0:00:10.16	0:00:10.20
take off H9	0:00:10.40	0:00:10.52	0:00:10.66	0:00:10.84	0:00:10.84	0:00:10.88	0:00:10.92	0:00:11.00
touch down H9	0:00:10.76	0:00:10.86	0:00:11.04	0:00:11.20	0:00:11.16	0:00:11.24	0:00:11.28	0:00:11.32
take off H10	0:00:11.48	0:00:11.48	0:00:11.72	0:00:11.94	0:00:11.96	0:00:12.00	0:00:12.06	0:00:12.12
touch down H10	0:00:11.82	0:00:11.92	0:00:12.08	0:00:12.28	0:00:12.30	0:00:12.36	0:00:12.40	0:00:12.48
run-in to the finish line	0:00:13.26	0:00:13.36	0:00:13.59	0:00:13.77	0:00:13.84	0:00:13.88	0:00:13.97	0:00:13.99
calculated time	13.26	13.36	13.59	13.77	13.84	13.88	13.97	13.99
official time	13.26	13.36	13.59	13.77	13.84	13.88	13.97	13.99