



UCL

ZEUS news

Matthew Wing (UCL/DESY)

- ZEUS papers
- ZEUS analyses
- H1+ZEUS analyses
- Conferences
- ZEUS calendar

ZEUS papers

- ZEUS Coll., “Two-particle azimuthal correlations as a probe of collectivity in deep inelastic ep scattering at HERA”, DESY-19-174, JHEP 04 (2020) 070.
- ZEUS Coll., “Study of proton parton distribution functions at high x using ZEUS data”, DESY-20-048, Awaiting proofs from Phys. Rev. D.

ZEUS papers

Year	ZEUS (of which H1+ZEUS)
2020	1
2019	3
2018	1 (1)
2017	2
2016	4
2015	3 (2)
2014	4
2013	5
Total	23 (3)

As of today

ZEUS analyses

- $\psi' / J/\psi$ in photoproduction – *already preliminary*.
- b cross sections using double tag – *already preliminary*.
- Azimuthal correlations between jet and scattered electrons – *already preliminary*.
- Event shapes.
- Scaled momentum distributions.
- Lorentz invariance in DIS data.
- D^* mesons in CC events.
- Collective effects in photoproduction and other systems.
- Others ?

How many will become papers this year ? ZEUS: 3 ?; H1+ZEUS: 1 ?

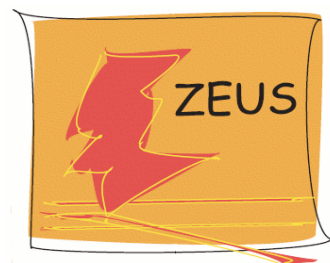
H1+ZEUS analyses

- H1/ZEUS Coll., NNLO QCD fits with jets and extraction of α_s , preliminary for DIS 2019.
 - Presented at several H1+ZEUS meetings.
 - Had robust discussions with H1 on plan and idea for paper.
- No other papers foreseen.

Conferences

- In 2019, according to https://www.desy.de/h1zeus/conferences/talk_list_2019.html
 - **28 H1/ZEUS talks**
 - **of which 21 by ZEUS members**
- **Three talks at DIS 2020, 23 – 27 March in New York:**
 - Workshop cancelled
- **Talks at ICHEP 2020, 30 Jul – 5 Aug in Prague (all online):**
 - (ZEUS) Limits on contact interactions and leptoquarks at HERA.
 - (ZEUS) Collective effects.
 - (H1) Photoproduction of $\rho(770)$.
 - (ZEUS) Dedicated data analyses for improving PDFs (charm and high x).
 - (H1+ZEUS) PDF fits including jets at NNLO (inclusive + DPDFs).
 - (H1+ZEUS) Hadrons and jets in the final state.
- Unclear situation with conferences at the moment.

ZEUS calendar



2020 Calendar

	ZAFs
	ZEUS Collaboration Meeting
	DIS2020, New York
	ICHEP2020, Prague
	DPG, Bonn
ZEUS meetings: SR4b (Jan); SR1 (Feb, Apr); SR7a (Jun, Sep, Oct, Nov)	
	H1+ZEUS meeting Wednesdays at 14:00

January							February							March						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		1	2	3	4	5						1	2			4	5	6	7	8
6	7	8	9	10	11	12	3	4	5	6	7	8	9	2	3	11	12	13	14	15
13	14	15	16	17	18	19	10	11	12	13	14	15	16	9	10	18	19	20	21	22
20	21	22	23	24	25	26	17	18	19	20	21	22	23	16	17	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29		23	24	31				29
April							May							June						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30					
July							August							September						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		1	2	3	4	5						1	2		1	2	3	4	5	6
6	7	8	9	10	11	12	3	4	5	6	7	8	9	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20
20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27
27	28	29	30	31			24	25	26	27	28	29	30	28	29	30				
October							November							December						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			