

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day?

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) ✓  
Garcia (SM) ✓  
Owens (Direct Photon)  
Olness (DIS)  
Cordero (VecBos)  
Cordero (NLO Tools)

Schwartz (Jets)  
Hoeche (Monte Carlo) ✓  
Ravindran (Higgs) ✓  
Ducati (Diffraction)  
Roser (Heavy Quarks) ✓  
Stump (PDFs) ✓

Diseertori (CMS)  
Mazini (Atlas)  
Wacker (Beyond SM) ✓  
Gago (Neutrinos) ✓  
Morfin (Intensity Frontier)  
Salazar (Auger)

**Name:** (Optional) \_\_\_\_\_

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	More variety?	<u>Yes</u>	No
	More theory, less experiment?	<u>Yes</u>	No
	More experiment, less theory?	Yes	<u>No</u>

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1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? No

**Schedule:** Hours of class per day, spacing? OK

**Location:** Enough to do during free time/free day? Could be more planned

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Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
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**Name:** (Optional) \_\_\_\_\_

# Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

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 More variety? Yes No  
 More theory, less experiment? Yes No  
 More experiment, less theory? Yes No

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 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much? No.

Schedule: Hours of class per day, spacing? Five, Recitation could be shorter

Location: Enough to do during free time/free day? No, could have ended a little earlier so that we had some free time in the evening.

## Comments on Lectures:

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- \* Beyond std model could have been a power point discussion instead of chalk board especially since there were so many participants.
- \* Monte Carlo did not actually talk about the process itself applicable to experimentalists as well, it was more the background calculation for theorists.
- \* The lecture hall at Physics building had bad acoustics so it was hard to hear.
- \* Overall, good organisation, Fred Olness and Roser's helpful advices.

Name: (Optional) \_\_\_\_\_

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	More theory, less experiment?	Yes	<u>No</u>
	More experiment, less theory?	Yes	<u>No</u>

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**Length:** Was 9 days (4+1+4) at this pace too much?

*It was fine*

**Schedule:** Hours of class per day, spacing?

*Maybe Lectures of 1h instead of 1.5h*

**Location:** Enough to do during free time/free day?

*For visitors maybe it was short only Sat afternoon*

*Maybe less on Sat-Sunday morning and free ~~afternoon~~  
during those afternoons.*

**Comments on Lectures:**

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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*Excellent lecturers (In general)*

*Very good introduction by Sterman, Ravindran started a bit too fast, but his second lecture, when he presented results of computations and predictions, it went very good. Garcia was very intuitive and spontaneous and funny too. Heche was too technical and ~~was~~ it could have been more useful if he was more illustrative. The same comment goes for Ducati. Schwartz made the topic of Jets very understandable and his enthusiasm was great. Gago was good in introducing the neutrino from historical background and go all the way to recent issues and predictions.*

**Name: (Optional)** Sam Selim

*Wacker was good explaining but he should write larger fonts on the blackboard. All other lecturers were very good.*

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 More variety? Yes No  
 More theory, less experiment? Yes No  
 More experiment, less theory? Yes No

For those who also attended other CTEQ Summer Schools, please compare  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much?

Schedule: <sup>no!</sup> Hours of class per day, spacing?

recitation was sometimes too long; too little focus on students  
 Location: Enough to do during free time/free day?

yes — wonderful

Comments on Lectures:

time! basic or redundant (Sternman/...  
 ... Stump ... Wacker) others off-topic (Hoeche)

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

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 Garcia (SM)  
 Owens (Direct Photon)  
 Olness (DIS)  
 Cordero (VecBos)  
 Cordero (NLO Tools)

Schwartz (Jets)  
 Hoeche (Monte Carlo)  
 Ravindran (Higgs)  
 Ducati (Diffraction)  
 Roser (Heavy Quarks)  
 Stump (PDFs)

Diseertori (CMS)  
 Mazini (Atlas)  
 Wacker (Beyond SM)  
 Gago (Neutrinos)  
 Morfin (Intensity Frontier)  
 Salazar (Auger)

Overall, quite good! I enjoyed the chance to meet and listen to a wide variety of the community. Dinner was much too late: I was routinely starving by 8pm. Also, the coffee was horrible, especially given the lack of milk/cream.

Name: (Optional)

T. Hobbs

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More variety?	Yes	<u>No</u>
More theory, less experiment?	Yes	<u>No</u>
More experiment, less theory?	Yes	<u>No</u>

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**Length:** Was 9 days (4+1+4) at this pace too much? *There were good breaks in the day so it didn't feel too exhaustive, perhaps it would have been nice to have a couple of nights without nightcap, ~~high~~ in (perhaps mid- of each of the two weeks) to provide mini-break + more chance to see local area*

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day? *Yes, Lima is a great city and tour was very good*

## Comments on Lectures:

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*First off: Thanks a lot for all the effort and organization that has gone into this summer school. Everybody here, (students included!) were very friendly and helpful - which produced a really good atmosphere to learn.*

*It would have been really useful to provide (abound) copy of all of the lecture notes at the start of the school - this means students could make notes during the lecture, aiding active learning whilst also making a good resource for future learning. (I brought and read my bound notes from a previous <sup>RAL</sup> summer school before this school).*

Name: (Optional) Andrew Cook

# Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level? ☒ Yes ☐ No  
 More variety? ☒ Yes ☒ Maybe ☐ No  
 More theory, less experiment? ☒ Yes ☒ No  
 More experiment, less theory? ☒ Yes ☒ No

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Length: Was 9 days (4+1+4) at this pace too much?  
 Just about right amount. Perhaps too intensive in the beginning  
 Schedule: Hours of class per day, spacing?  
 Great. Maybe 2 discussion sessions are worth trying:  
 one before lunch, second one in the end

Location: Enough to do during free time/free day?  
 Location is fantastic - perhaps not enough time  
 to explore during the day, but that's easily compensated  
 by a holiday just before/after

## Comments on Lectures:

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

Extremely high ~~level~~ quality of lectures in general.  
 The School made the whole picture a lot clearer, connecting  
 all the pieces that were also studied in detail before.  
 The best bit, in my opinion, was the interaction between  
 theorists and experimentalists, and general discussions after the lectures.  
 In general, I found the school very useful and rewarding,  
 and would like to thank the organisers and the speakers  
 for excellent job done.

Name: (Optional) Sergey Serkin

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	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

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1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? ☒ No

**Schedule:** Hours of class per day, spacing? *Hours were OK, but an earlier finish would have been nice i.e. 6:00 instead of 6:30*

**Location:** Enough to do during free time/free day? ☒ Yes

**Comments on Lectures:** *The duration of the lectures was good and the quality was generally excellent.*

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*Overall the Summer school was excellent and the lectures were generally well paced. I particularly appreciated that there was ample opportunity to question the lecturers both in the recital session and at the night eqs.*

*The diverse range of topics was also beneficial as it has helped broaden my understanding of the overall field and in particular it has helped close the gap between my understanding of theory and experiment.*

**Name: (Optional)** Jason Hammett

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	More variety?	<u>Yes</u>	No
	More theory, less experiment?	Yes	<u>No</u>
	More experiment, less theory?	Yes	<u>No</u>

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much? yes

**Schedule:** Hours of class per day, spacing? a half hour breaks are not needed, it was a bit too much.

**Location:** Enough to do during free time/free day? yes

### Comments on Lectures:

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Sterman (Intro) <u>good</u>	Schwartz (Jets) <u>great</u>	Diseertori (CMS) <u>good</u>
Garcia (SM) <u>low level</u>	Hoeche (Monte Carlo) <u>high level</u>	Mazini (Atlas) <u>good</u>
Owens (Direct Photon) <u>high level</u>	Ravindran (Higgs) <u>low level</u>	Wacker (Beyond SM) <u>great</u>
Olness (DIS) <u>good</u>	Ducati (Diffraction) <u>high level</u>	Gago (Neutrinos) <u>too much math</u>
Cordero (VecBos) <u>low level</u>	Roser (Heavy Quarks) <u>low level</u>	Morfin (Intensity Frontier) <u>good</u>
Cordero (NLO Tools) <u>high level</u>	Stump (PDFs) <u>good</u>	Salazar (Auger) <u>don't remember</u>

→ the "low level" lectures generally contained too much math we had already done

→ the "high level" lectures contained too much math we are not familiar with.

*non-SUSY theories would be nice*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level? Yes No Some yes, some no  
 More variety? Yes No  
 More theory, less experiment? Yes No  
 More experiment, less theory? Yes No

For those who also attended other CTEQ Summer Schools, please compare  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much? Too much material, not enough time

Schedule: Hours of class per day, spacing? Days were too long - not enough sleep and everyone (including myself) were getting ill. Discussion section too long. Lectures were an hour, which was fine.

Location: Enough to do during free time/free day? Coffee breaks were nice but it would have been nice to have actual free time to take walks. It was hard sitting all day. Free day was nice but most of us were too tired from the first week to want to go out and see Lima city center, so we stayed in and slept.

### Comments on Lectures:

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I had never learned any of this material before, so it was a bit fast for me. Plus I felt there was this broad assumption from lecturers that we all had been exposed to this material already. I didn't feel comfortable asking questions to lecturers for this reason. Some lecturers were outstanding - Matthew Schwartz's lectures on jets were by far the best. Dan Stump were also fantastic. Bob Roser was the most welcoming, engaging, and interesting lecturers. George Sterman's intro lectures were difficult to follow completely, but I feel I did learn from them. There were some lectures that were very frustrating: Ducati's diffraction lecture was discouraging: she read directly off the slides, did not explain anything, had formulas written down that she didn't motivate at all. It was hard to hear Salazar speaking in his lecture, and I didn't get much out of this. I also did not like Jay Wacker's teaching style on the board. Writing was too small to read in the lecture hall, and most of the lectures made no sense. Too many formulas and not enough explanation. The Monte Carlo lecture would have been better if it was more practical. I use AC all the time, so it would have been nice to hear more about it from an experimental point of view. Many lecturers do not define variables explicitly on their slides, so I often find myself forgetting what variable stands for what. Overall lecturers were friendly people who were approachable - I think this is very important. The school was fun. The hotel was nice except I didn't get internet in the room, which was unfortunate. There were nice and we spent time at night together to make this more fun. Even

Name: (Optional) \_\_\_\_\_

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 More variety? Yes No  
 More theory, less experiment? Yes X No  
 More experiment, less theory? Yes X No

the exp. part actually goes through a measurement in detail rather than flash  
 For those who also attended other CTEQ Summer Schools, please compare results.  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much? Yes 4 + 2 + 4 would be better.

Schedule: Hours of class per day, spacing? best ideal spacing: lecture, break, lecture, break, discussion lunch + h.c.

Location: Enough to do during free time/free day?

Yes. Very nice idea for organized trip. A bit more organization of the night caps would be better (maybe divide recitation into 2 pieces and make them a bit shorter) and in the evening have the lect. of the day lead a discussion.

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\* See here:

Sterman (Intro) 5

Garcia (SM) 2

Owens (Direct Photon) 5

Olness (DIS) 5

Cordero (VecBos) 2

Cordero (NLO Tools) 3

Schwartz (Jets) 4

Hoeche (Monte Carlo) 2

Ravindran (Higgs) 1

Ducati (Diffraction) 1

Roser (Heavy Quarks) 5

Stump (PDFs) 4

Diseertori (CMS) 2

Mazini (Atlas) 2

Wacker (Beyond SM) 3

Gago (Neutrinos) 3

Morfin (Intensity Frontier) 3

Salazar (Auger) 2

→ Overall the lecturers should be a bit more coordinated and have some overlap (but not too much).

→ for the exp talk (again :)) : teach me something specific that I would not get from a review of exp. results

→ Let me give a grade for each speaker: 1-5 (with 5 being very good, engaging, informative and 1 being NOT)

- this was just what I thought could be improved; this is

Name: (Optional)

already a nice school and I would recommend it the friends  
 - it would be great if it was made explicit that people can intercept when they get lost

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	More theory, less experiment?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

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**Length:** Was 9 days (4+1+4) at this pace too much?

*4+2+4*

**Schedule:** Hours of class per day, spacing? *Yes*

**Location:** Enough to do during free time/free day? *Yes*

### Comments on Lectures:

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<input checked="" type="checkbox"/> Stermann (Intro)	<input checked="" type="checkbox"/> Schwartz (Jets)	<input checked="" type="checkbox"/> D'Amico (CMS)
<input checked="" type="checkbox"/> Garcia (SM)	<input checked="" type="checkbox"/> Hoeche (Monte Carlo)	<input checked="" type="checkbox"/> Mazini (Atlas)
<input checked="" type="checkbox"/> Owens (Direct Photon)	<input checked="" type="checkbox"/> Ravindran (Higgs)	<input checked="" type="checkbox"/> Wacker (Beyond SM)
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<input checked="" type="checkbox"/> Cordero (VecBos)	<input checked="" type="checkbox"/> Roser (Heavy Quarks)	<input checked="" type="checkbox"/> Morfin (Intensity Frontier)
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*I think that some lectures repeats some topics in the same way.*

**Name:** (Optional) \_\_\_\_\_

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	More theory, less experiment?	Yes	<u>No</u>
	More experiment, less theory?	Yes	<u>No</u>

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**Length:** Was 9 days (4+1+4) at this pace too much?

No

**Schedule:** Hours of class per day, spacing?

Was OK, but I would introduce some hands on exercises instead of having only lectures

**Location:** Enough to do during free time/free day?

Yes, because I got a holiday after and I can stay and see Lima and Peru. Otherwise would not be enough

**Comments on Lectures:**

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Morfin (Intensity Frontier)

Cordero (NLO Tools)

Stump (PDFs)

Salazar (Auger)

Underlined lectures were very good and clear and I have learned new matter.

Direct Photon, VecBos, Neutrinos, Diffraction - too many formulas, no clear explanations, Higgs the same with the difference that I knew all of that before.

NLO tools - many things mentioned, but would be better to be concentrated on particular tool and really learn about it.

I would also prefer to have hands on exercises where we would have to apply knowledge we gain from the lectures, of course not too detailed, but is the best way to remember.

**Name:** (Optional) \_\_\_\_\_

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	More variety?	<del>Yes</del>	No
	More theory, less experiment?	Yes	<del>No</del>
	More experiment, less theory?	<del>Yes</del>	No

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**Length:** Was 9 days (4+1+4) at this pace too much?

NO

**Schedule:** Hours of class per day, spacing?

OK

**Location:** Enough to do during free time/free day?

NO, at least 2 free days would be better

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	More variety?	Yes	<del>No</del>
	More theory, less experiment?	Yes	<del>No</del>
	More experiment, less theory?	Yes	<del>No</del>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? No

**Schedule:** Hours of class per day, spacing? Good

**Location:** Enough to do during free time/free day? Yes

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) <u>Excellent</u>	Schwartz (Jets) <u>Great</u>	Diseertori (CMS) <u>Excellent</u>
Garcia (SM) <u>Excellent</u>	Hoeche (Monte Carlo) <u>Very good</u>	Mazini (Atlas) <u>Very good!!</u>
Owens (Direct Photon) <u>Excellent</u>	Ravindran (Higgs) <u>Excellent</u>	Wacker (Beyond SM) <u>Great</u>
Olness (DIS) <u>Excellent</u>	Ducati (Diffraction) <u>Very good</u>	Gago (Neutrinos) <u>Excellent!</u>
Cordero (VecBos) <u>Great!</u>	Roser (Heavy Quarks) <u>Excellent</u>	Morfin (Intensity Frontier) <u>Excellent</u>
Cordero (NLO Tools) <u>Great!</u>	Stump (PDFs) <u>Great!</u>	Salazar (Auger) <u>Very good</u>

**Name:** (Optional) Carmen Arujo

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day?

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*This is my first CTEQ-Fermilab school. All the lectures was fine.  
~~to~~ me. I saw the last days the students had a little participation, my  
suggestion is that we can form a few groups and discuss the  
items of the lectures in the last hours.*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	More variety?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	More theory, less experiment?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	More experiment, less theory?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

*It was good enough.*

**Schedule:** Hours of class per day, spacing?

*OK.*

**Location:** Enough to do during free time/free day?

*OK.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) ☒  
 Garcia (SM) ☒  
 Owens (Direct Photon) ☒  
 Olness (DIS) ☒  
 Cordero (VecBos) ☒  
 Cordero (NLO Tools) ☒

Schwartz (Jets) ☒  
 Hoeche (Monte Carlo) ☒  
 Ravindran (Higgs) ☒  
 Ducati (Diffraction) ☒  
 Roser (Heavy Quarks) ☒  
 Stump (PDFs) ☒

Diseertori (CMS) ☒  
 Mazini (Atlas) ☒  
 Wacker (Beyond SM) ☒  
 Gago (Neutrinos) ☒  
 Morfin (Intensity Frontier) ☒  
 Salazar (Auger) ☒

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<del>Yes</del>	No
	More variety?	<del>Yes</del>	No
	More theory, less experiment?	<del>Yes</del>	No
	More experiment, less theory?	Yes	<del>No</del>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?  
YES, BETTER TWO FULL WEEKS

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day?  
SHORTER BREAKS, SAME AMOUNT OF LECTURES;  
COULD HAVE SOME MORE FREE TIME AFTER LECTURES

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

**Name:** (Optional) \_\_\_\_\_

# Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level? ☒ Yes ☐ No  
 More variety? ☒ Yes ☐ No  
 More theory, less experiment? ☒ Yes ☐ No  
 More experiment, less theory? ☐ Yes ☒ No

For those who also attended other CTEQ Summer Schools, please compare  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much?  
 No, but it could be extended to include more theory.  
 Schedule: Hours of class per day, spacing?  
 It was appropriate.

Location: Enough to do during free time/free day?  
 Yes.

## Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

In general, all courses were good, but maybe there could be ~~an extra~~ more information on renormalization at the SM course.

Name: (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<u>Yes</u>	No
	More variety?	<u>Yes</u>	No
	More theory, less experiment?	<u>Yes</u>	No
	More experiment, less theory?	Yes	<u>No</u>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

*No, it wasn't. I agree with the number of days.*

**Schedule:** Hours of class per day, spacing?

*I agree with the hours of class per day*

**Location:** Enough to do during free time/free day?

*I guess, it should be a place where I can do more activities like as getting more information about the*

**Comments on Lectures:** *Topics relate with the School*

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*I think every course was at the right level. However I guess that each presentation should be complete. For example, 50% theoretical, 50% experimental. It must be well prepared (using software for the presentation of any topic)*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much? *It was just right. Less would have been too little content; more would have been too tiring.*

**Schedule:** Hours of class per day, spacing? *It was fine. Coffee breaks might seem long at first, but you end up needing that much time between lectures.*

**Location:** Enough to do during free time/free day? *Yes. In fact there were for more things to do than what ~~was~~ could actually be done with the amount of free time. (and that's fine; it's not tourism after all)*

**Comments on Lectures:**

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*The overall level was correct. I understood most of what was closer to my own work and learned some basics of the other things while acquiring good references for future analysis. In this sense, I really liked the mixture between theory and experiment. Recitations were really good and useful and Nightcaps offered an interesting relaxed context that is much needed for "off-topic" questions and detailed explanations.*

**Name: (Optional)** Ivan A. Davidovich

*Most lectures were really good; beyond that it comes to a matter of taste regarding each lecturer's style.*

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	Yes <input checked="" type="checkbox"/>	No
	More variety?	Yes <input checked="" type="checkbox"/>	No
	More theory, less experiment?	Yes	No <input checked="" type="checkbox"/>
	More experiment, less theory?	Yes	No <input checked="" type="checkbox"/>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?  
*Time duration is good enough.*

**Schedule:** Hours of class per day, spacing?  
*Lectures can be of  $1\frac{1}{2}$  hour, then  $\frac{1}{2}$  hour break.*

**Location:** Enough to do during free time/free day?

*It will be good if the classes will finish everyday before 6 PM. so that we can get some free time everyday.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*All lectures are <sup>very</sup> conceptual and every speaker presented them very nicely. Since I am a beginning PhD student, all the lectures were very useful for me. There can be 4 lectures on Beyond standard model so that concepts on different models can be discussed. There can be lectures on statistics used in experimental analysis and instrumentation.*

**Name: (Optional)** \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content:	Correct Level?	<u>Yes</u>	No	
	More variety?	Yes	<u>No</u>	THE VARIETY IS GOOD
	More theory, less experiment?	Yes	No	} IT DEPENDS OF THE PARTICIPANTS
	More experiment, less theory?	Yes	No	

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?  
*IT WAS OK.*

**Schedule:** Hours of class per day, spacing?  
*ONE HOUR CLASS ARE FINE.*

**Location:** Enough to do during free time/free day?  
*MAYBE TWO FREE DAYS WOULD BE BETTER.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Stermann (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*PDF'S AND JETS LECTURES WERE GREAT BECAUSE THEY START FROM THE BASICS*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day?

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<u>Yes</u>	No
	More variety?	Yes	<u>No</u>
	More theory, less experiment?	Yes	<u>No</u>
	More experiment, less theory?	<u>Yes</u>	No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

*Better, 4+2+1*

**Schedule:** Hours of class per day, spacing?

*OK*

**Location:** Enough to do during free time/free day?

*No, 2 day.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) ✓

Garcia (SM) ±

Owens (Direct Photon)

Olness (DIS) ✓

Cordero (VecBos) ✓

Cordero (NLO Tools) ✓

Schwartz (Jets) ±

Hoeche (Monte Carlo) ±

Ravindran (Higgs) ✓

Ducati (Diffraction) ±

Roser (Heavy Quarks) ±

Stump (PDFs) ±

Diseertori (CMS) ±

Mazini (Atlas) ±

Wacker (Beyond SM) ±

Gago (Neutrinos) ✓

Morfin (Intensity Frontier) ✓

Salazar (Auger) ±

*My opinion of speakers is:*

*- good level*

*- Know your courses but ~~not~~ your presentation is*

*→ ✓ = right*

*→ X = wrong*

*- ± = more less*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<del>Yes</del>	No
	More variety?	Yes	<del>No</del>
	More theory, less experiment?	Yes	<del>No</del>
	More experiment, less theory?	Yes	<del>No</del>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

*No*

**Schedule:** Hours of class per day, spacing?

*OK*

**Location:** Enough to do during free time/free day?

*Maybe 2 free day Weekend*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) ✓	Schwartz (Jets) ✓	Diseertori (CMS) ✓
Garcia (SM) ✓	Hoeche (Monte Carlo) ✓	Mazini (Atlas) ✓
Owens (Direct Photon) ✓	Ravindran (Higgs) ✓	Wacker (Beyond SM) ✓
Olness (DIS) ✓	Ducati (Diffraction) ✓	Gago (Neutrinos) ✓
Cordero (VecBos) ✓	Roser (Heavy Quarks) ✓	Morfin (Intensity Frontier) ✓
Cordero (NLO Tools) ✓	Stump (PDFs) ✓	Salazar (Auger) ✓

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	Yes ✓	No
	More variety?	Yes	No ✓
	More theory, less experiment?	Yes ✓	No
	More experiment, less theory?	Yes	No ✓

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?  
*We could add an extra lecture per day and save couple of days*

**Schedule:** Hours of class per day, spacing? *OK*

**Location:** Enough to do during free time/free day? *OK*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*I think Prof. Sterman did a Good Job and the level of his lectures were High.*

*Prof. Schwartz talk was illuminating and clear, even for people like me who didn't know about jet physics.*

*In overall I think the level of the lectures was good, However it would be better if local organizers would gave the speakers more facilities like better microphones.*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content:	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More experiment, less theory?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much?

*A little tight but ~~good~~ ok.*

**Schedule:** Hours of class per day, spacing?

*- In general good spacing*

**Location:**

*- For people not staying at the hotel didn't make to much sense to take the bus and then wait 1 hour for the dinner.*  
Enough to do during free time/free day?

*Yes.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

✓ Stermann (Intro) <i>Excellent!</i>	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	✗ Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM) <i>Very good!</i>
Olness (DIS) <i>← very good!</i>	Ducati (Diffraction)	✓ Gago (Neutrinos) <i>Excellent!</i>
Cordero (VecBos)	Roser (Heavy Quarks)	✓ Morfin (Intensity Frontier) <i>Excellent!</i>
✓ Cordero (NLO Tools) <i>Very Good</i>	✓ Stump (PDFs) <i>Excellent!</i>	Salazar (Auger)

*Hoeche didn't provide a good introduction for such a technical subject. Level set too high.*

Name: (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content:	Correct Level?	<del>Yes</del>	No
	More variety?	Yes	<del>No</del>
	More theory, less experiment?	<del>Yes</del>	No
	More experiment, less theory?	Yes	<del>No</del>

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much?

No

**Schedule:** Hours of class per day, spacing?

Just about right. Not exhausting, pedagogic actually.

**Location:** Enough to do during free time/free day?

Couldn't say.

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

- Hoeche, Ducati lectures ~~was~~ failed to explain what their were talking to in an introductory level.
  - Schwartz, Stump, Morfin, Wacker, Ravindran, Gago, Sterman, Olness, Garcia were quite good as introductions, to the contrary.
- Stump's lecture perhaps should have been first, in order to get some understanding of the topics previously discussed.

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<u>Yes</u>	No
	More variety?	<u>Yes</u>	No
	More theory, less experiment?	<u>Yes</u>	No
	More experiment, less theory?	Yes	<u>No</u>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? NO

**Schedule:** Hours of class per day, spacing? I THINK IT WAS OK. MAYBE HAVING MORE TIME FOR LUNCH WOULD HAVE BEEN BETTER.

**Location:** Enough to do during free time/free day? NO, MAINLY BECAUSE WE LOST A LOT OF TIME GOING FROM THE HOTEL TO PUCP.

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro)	Schwartz (Jets)	Diseertori (CMS)
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

I THINK IT HAS BEEN A REALLY GOOD SCHOOL. I LEARN A LOT AND LECTURES WERE AT THE RIGHT LEVEL. MAYBE "DIFFRACTION"'S LECTURE SHOULD HAVE BEEN MORE BASIC (EXPLAINING DEEPLY THE NEW CONCEPTS -I'VE NEVER HEARD ABOUT 'POMERONS' OR 'REGGE THEORY' BEFORE...-). IN MY PERSONAL OPINION, STERMAN'S LECTURES WERE THE BEST ONES.

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<u>Yes</u>	No
	More variety?	Yes	<u>No</u>
	More theory, less experiment?	<u>Yes</u>	No
	More experiment, less theory?	Yes	<u>No</u>

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? NO

**Schedule:** Hours of class per day, spacing? OK!

**Location:** Enough to do during free time/free day?

↓  
*There wasn't enough free time, because of the location of the hotel (far from the university)*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*"PDFs" and "Beyond SM", which had an introductory level, should have been placed in the first ~~week~~ part of the school, instead of "Monte Carlo" and "Jets", which were more advanced.*

*I really enjoyed the lectures of George Sterman.*

*Atlas and CMS lectures were too similar to each other.*

*Overall evaluation: nice school!*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	Yes <input checked="" type="checkbox"/>	No
	More variety?	Yes <input checked="" type="checkbox"/>	No
	More theory, less experiment?	Yes	No
	More experiment, less theory?	Yes	No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? *I would prefer if it is (5+1+5) or (5+2+5)*

**Schedule:** Hours of class per day, spacing? *I would prefer if it is 2 1/2 hrs class and then 1/2 an hr break.*

**Location:** Enough to do during free time/free day? *YES.*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*Frankly speaking, I really loved all the above lectures. It would have been better if the duration of lecture @ becomes one and half hours from one hour. Overall the school was very useful to me.*

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much? Was fine.

**Schedule:** Hours of class per day, spacing?  
Good amount.

**Location:** Enough to do during free time/free day?  
Yes.

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

Sterman, Owens, Olness, Wacker ~ Exceptionally good lectures.  
Very clear and accessible,  
great examples & discussions.

Cordero, Stump ~ Fantastic discussions of more subtle aspects.  
& Roser

Great talk about faculty positions from Roser. Thank You!

**Name:** (Optional) Lee

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

- Length:** Was 9 days (4+1+4) at this pace too much?  
*Yes, perhaps 1 more free day would have been good to prevent such long stretches of lecture*
- Schedule:** Hours of class per day, spacing?  
*There was no free time! Shorter breaks would be ok. A longer time in the day to check email, etc... would be useful*
- Location:** Enough to do during free time/free day?  
*not much free time, so it doesn't really matter. There was enough for the one free day*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much? No

**Schedule:** Hours of class per day, spacing? spacing & length of classes is OK.  
But lunch break should be longer (3h).

**Location:** Enough to do during free time/free day?  
No. Nothing to do in Lima. Should be some nicer place.  
With more sun.

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

<input checked="" type="radio"/> <u>Sterman (Intro)</u>	<input checked="" type="radio"/> <u>Schwartz (Jets)</u>	<input checked="" type="radio"/> <u>Diseertori (CMS)</u>
Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	<input checked="" type="radio"/> <u>Wacker (Beyond SM)</u>
<input checked="" type="radio"/> <u>Olness (DIS)</u>	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	<input checked="" type="radio"/> <u>Roser (Heavy Quarks)</u>	<input checked="" type="radio"/> <u>Morfin (Intensity Frontier)</u>
Cordero (NLO Tools)	<input checked="" type="radio"/> <u>Stump (PDFs)</u>	Salazar (Auger)

The circled lectures were very good.

The others were not. Some because the speaker was speaking too quietly and not clearly enough. And mostly it was like a review of the subject. If I knew it from before, OK, and if I didn't, it was too fast to follow so I couldn't learn anything new. Also, the lectures should introduce ~~at~~ us to some physical concepts, and not just show some huge math. formulas. That is impossible to follow on slides. If the speaker wants to show some math. derivation, it should be done either extremely slowly, or by hand on the blackboard. The slides should explain more physics and less math.

**Name:** (Optional) \_\_\_\_\_

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level?

Yes

No

More variety?

Yes

No

More theory, less experiment?

Yes

No

More experiment, less theory?

Yes

No

mostly. Theory lectures were very hard for experimentalists and vice versa.

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

Length:

Was 9 days (4+1+4) at this pace too much?

longer school → more spaced out would be better.

Schedule:

Hours of class per day, spacing?

less shorter breaks between would have allowed more free time. Recitation + night cap + all the breaks in which you could discuss things were overkill.

Location:

Enough to do during free time/free day?

No free time really!

Free day was good.

Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

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Diseertori (CMS)

Garcia (SM)

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Olness (DIS)

Ducati (Diffraction)

Gago (Neutrinos)

Cordero (VecBos)

Roser (Heavy Quarks)

Morfin (Intensity Frontier)

Cordero (NLO Tools)

Stump (PDFs)

Salazar (Auger)

→ Would have been better to have group lunch somehow, and then have evenings free.

Problems with schedule also due to distance between uni + hotel

Name: (Optional) \_\_\_\_\_

# Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content:	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much?  
About right, however the schedule made it extremely difficult to do anything else.

Schedule: Hours of class per day, spacing? I would have preferred shorter breaks (15 min and 1 hour vs 30 min and 2 hours). The recitation was too long and ineffective. Maybe grouping is better. Further the nightcap does not work as intended.

Location: Enough to do during free time/free day? There was not much free time. Not much to do over the 2 hr break, ~~and~~ Around the hotel there was stuff to do but no time. Maybe better have lunch together and allow dinner free.

Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

As I have described above, I would have preferred a different schedule. Also, I think we could benefit more by having the PDF lecture earlier in the school. Also, a more introductory lecture on MC was needed. The lectures as given were too complicated to follow. I really enjoyed the talk on CMS results which was very pedagogical as well as giving an update on the experimental results. Very interesting and clear were the intro talks, the talk on Jets, DIS and PDFs. The Heavy Quarks talk was also interesting, especially the way the speaker had

Name: (Optional)

presented it. The Cordero talks were clear and the speaker made an effort to present it well to a non-expert audience. ~~even~~ Of least interest to me was the recitation talks especially the theory part which

The Intensity frontier talk captured my attention more, though, certainly because of the presenter. Finally, my least favorite was the diffraction talk. As a general comment, I should say that I enjoyed the school, and would say that I have gained new knowledge and refreshed some aspects that I had not touched for some time. More specifically though, I would have liked some more experimental or general "techniques" talks, especially since graduate students have the possibility to attend only one school in their grad student timeline. For example some sort of a statistics lecture would be useful. It is also unfortunate that we couldn't cover BSM physics ~~in~~ in more detail or at a greater length.

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content:	Correct Level?	<del>Yes</del>	No
	More variety?	<del>Yes</del>	No
	More theory, less experiment?	Yes	<del>No</del>
	More experiment, less theory?	Yes	<del>No</del>

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much?

*Appropriate.*

**Schedule:** Hours of class per day, spacing?

*Appropriate, but the recitation session.*

**Location:** Enough to do during free time/free day?

*Maybe an extra free day (or afternoon)  
would help the students to know more*

**Comments on Lectures:** *about the country where the school is given.*

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

Sterman (Intro) ✓  
Garcia (SM) ✓  
Owens (Direct Photon) ✓  
Olness (DIS) ✓  
Cordero (VecBos) ✓  
Cordero (NLO Tools) ✓

Schwartz (Jets) ✓  
Hoeche (Monte Carlo) ~~X~~①  
Ravindran (Higgs) ✓  
Ducati (Diffraction) ✓  
Roser (Heavy Quarks) ✓  
Stump (PDFs) ✓

Diseertori (CMS) ✓  
Mazini (Atlas) ✓  
Wacker (Beyond SM) ✓  
Gago (Neutrinos) ✓  
Morfin (Intensity Frontier) ✓  
Salazar (Auger) ~~X~~②

① the Introduction to monte carlo ~~lect~~ <sup>methods</sup> started at a high level. the name makes me think of a more accesible lecture, at least to start from a more basic level and then progressively increase it.

As an extra comment, I should point out that the recitation ~~the~~ session is too large and lacks of ~~more~~ a minimum dynamics in order to make it more useful for us. Maybe to develop a sort of working groups instead (or besides) of it would be helpful.

**Name: (Optional)** Juan Pablo Velásquez Ormaeche

② the lecture lacked of ~~the~~ a detailed explanation of the experimental setup, even though it was meant to be an experiment-oriented lecture.

and a high quality of lecturers. My overall ~~rating~~  
rating for this school is 9/10 (very good).

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.

**Length:** Was 9 days (4+1+4) at this pace too much?

**Schedule:** Hours of class per day, spacing?

**Location:** Enough to do during free time/free day?

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*Auger:* Quite different topic as the rest of the school;  
Therefore, a <sup>more extensive</sup> ~~deeper~~ introduction to the astro particle physics  
would have been appropriate. Also, several times a more detailed  
description would have been helpful (e.g. measurement of  $\nu_\tau$ ).  
Otherwise, a interesting topic.

*Higgs:* Very theory heavy. Some connections to experiments would have been  
nice (even though results have been presented by ATLAS & CMS talks)

**Name:** (Optional) \_\_\_\_\_

*ATLAS & CMS:* nice overview, not only focussing on recent Higgs results

*Heavy Quarks:* More or less history lessons of Tevatron; interesting, but could have  
been done in one talk. neutrino

Overall:

~~Res~~: very good talks given by experts in the specific topics;  
special praise to the introduction lectures and the lectures about jets.

Beyond SM: blackboard not the best way to present such a broad topic in 2h.

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

<b>Course Content:</b>	Correct Level?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
	More variety?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More theory, less experiment?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
	More experiment, less theory?	<input type="radio"/> Yes	<input checked="" type="radio"/> No

*For those who also attended other CTEQ Summer Schools, please compare  
1) Course structure and content 2) Location. Use back of paper if necessary.*

**Length:** Was 9 days (4+1+4) at this pace too much?

*No*

**Schedule:** Hours of class per day, spacing?

*Really liked the daily schedule. Longer lectures might have been too much - the breaks were important to digest the material.*

**Location:** Enough to do during free time/free day?

*Yes! ☺*

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. *Use back of paper if necessary.*

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

*I really enjoyed the school + found almost all of the talks very useful!  
I do think I found that some of the theory talks assumed a level of understanding initially that I did not have - which meant I got lost quickly (though perhaps I would find that, being an experimentalist!). For that, though, I think I might have found*

**Name:** (Optional) \_\_\_\_\_

or two really explaining the content conceptually - since I found I was sometimes getting into the maths + equations so fast that by the end I wasn't sure what we had been talking about. In general, though, I was really impressed by the quality + accessibility of the talks. The speakers have all been incredibly helpful + friendly. In particular the Q+A sessions at the end of the day are really useful + interesting.

Thanks for a great school!

# Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level? Yes ☒ No  
 More variety? Yes ☒ No  
 More theory, less experiment? Yes ☒ No (if more theory then  
 More experiment, less theory? Yes ☒ No more introductory lectures)

For those who also attended other CTEQ Summer Schools, please compare  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much? Yes, 4 + 2 + 4 would be better  
 Schedule: Hours of class per day, spacing? OR 3 + 1 + 3 + 1 + 2  
 OR 2 + 1 + 3 + 1 + 3  
 Was o.k. 1 spacing was good.

Location: Enough to do during free time/free day?  
~~If there would be another free day, the daily free~~  
~~time is o.k.~~ Yes. The bus rides to and from the  
 university were a bit annoying.

## Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

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Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

- Hoeche (MC): Too much material. A tutorial for MC generators would be nice. Not just listening to a lecture
- CMS & ATLAS talks: These were two talks with exactly the same content. Could be merged into one
- Wacker: I don't see why he has to use a black board.
- Schwartz: very good way of presenting jets. Very ~~educative~~ instructive

Name: (Optional) \_\_\_\_\_

- Stump: also very good way of presenting "complex" theory

- Sterman: This was ~~the~~ a nice ~~lecture~~ ~~lecture~~ ~~lecture~~  
↳ renormalization in 1 hour...  
↳ factorization - " - ...

Overall: Good school! If there would be more free time to think about the lectures it would be nice.

Could also have one or two tutorials, you know downloading ~~the~~ software and calculating cross-sections, MC events or stuff like that.

Also hotel should be closer to lecture halls...

But in summary I can recommend it to ~~the~~ other Ph.D. students.

## Participant Evaluation of CTEQ-Fermilab School 2012: Lima, Peru

Course Content: Correct Level? Yes ☒ No ☐ something between.  
 More variety? Yes ☐ No ☒  
 More theory, less experiment? Yes ☐ No ☒  
 More experiment, less theory? Yes ☐ No ☒

For those who also attended other CTEQ Summer Schools, please compare  
 1) Course structure and content 2) Location. Use back of paper if necessary.

Length: Was 9 days (4+1+4) at this pace too much? A little. Maybe a 2-day break in the middle would be good. 4+2+4.  
 Schedule: Hours of class per day, spacing? Pretty good. Plenty of breaks, lecture length is good.

Location: Enough to do during free time/free day?  
 Excellent.

### Comments on Lectures:

Please let us know your overall evaluation of our Summer School. Which courses, if any, were at the wrong level? Your frank opinion of what is right or wrong will help us plan for the next school and apply for continued funding. For reference a list of speakers is below. Use back of paper if necessary.

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Garcia (SM)	Hoeche (Monte Carlo)	Mazini (Atlas)
Owens (Direct Photon)	Ravindran (Higgs)	Wacker (Beyond SM)
Olness (DIS)	Ducati (Diffraction)	Gago (Neutrinos)
Cordero (VecBos)	Roser (Heavy Quarks)	Morfin (Intensity Frontier)
Cordero (NLO Tools)	Stump (PDFs)	Salazar (Auger)

Some lectures, particularly theory ones, had some lots of isolated equations and there was maybe not enough time to work through e.g. derivations to see the connections between them. Personally a conceptual introduction might be better in such a short amount of time rather than a mathematical description. I'd prefer to work through the equations myself once I understand the context more clearly.

Name: (Optional) James Dasso

Overall the school was great. I learnt a lot related to my current work, many fascinating things in the field unrelated to my work, and I met some really interesting people (both students and to have).

and made some very useful connections.