Joint CTEQ Meeting and POETIC 7 (7th International Conference on Physics Opportunities at an ElecTron-Ion-Collider)

November 14-18, 2016

Temple University
Philadelphia, USA

We are pleased to announce that POETIC 7, the Seventh International Conference on the ‘Physics Opportunities at an ElecTron-Ion Collider’, will take place at Temple University in Philadelphia, from Monday, November 14th to Friday, November 18th 2016. The primary goal of the conference is to continue the advancement of the field of electron-ion collider physics. The previous POETIC workshops were held in Stellenbosch (2010), Bloomington (2011), Valparaiso (2012), Jyvaskyla (2013), Yale (2014), and Palaiseau (2015).

POETIC 7 will be a joint meeting with the CTEQ Collaboration. Specifically, the conference will concentrate for the first three days on the physics and technical development of future electron-ion colliders and strongly related physics programs at other facilities, such as CEBAF, RHIC, and the LHC. The fourth day of the conference will be entirely devoted to POETIC-CTEQ sessions focusing on precision QCD opportunities at future electron-proton colliders, while the last day is reserved for informal discussions and CTEQ-related business.

The program will consist of invited and contributed talks. We strongly encourage the submission of abstracts. Postdocs and students are especially encouraged to attend the conference.

Conference Topics:

- QCD at high parton densities and small-x evolution: BFKL, Color Glass Condensate.
- Quark and gluon content of nucleons and nuclei: (nuclear) parton distribution functions, hadron and jet fragmentation.
- Spin and 3D structure: helicity distributions, transverse momentum dependent (TMDs) and generalized parton distributions (GPDs).
- Physics beyond the Standard Model and connections to other areas in physics.
- Future DIS facilities: accelerator and detector developments.
The charges for the Joint POETIC-CTEQ Day (November 17) include:

- Identify synergetic opportunities between hadronic physics programs at the Large Hadron Collider and an intermediate-energy lepton-hadron collider planned in the next decade.
- Identify common goals and needs of future studies of unpolarized, polarized, and nuclear hadronic matter.
- Outline precision targets for successful coordination of hadronic physics studies at the LHC and EIC.
- Review development of a new generation of QCD calculations and computational tools for precision studies in lepton-hadron scattering.

WWW page:

All other relevant information for the meeting can be found on the conference home page:


The information there will be continuously updated.

Important Dates:

Deadline for abstract submission: Friday, October 21, 2016
Deadline for registration: Monday, October 31, 2016

Registration and conference fee:

https://phys.cst.temple.edu/poetic-cteq-2016/registration.html

The registration process involves two steps:

(a) INDICO registration (Create account first!)

(b) Registration fee Credit Card payment (Create account first!):

- Senior: $325 (Days 1-5, including full program); or $175 (Days 4-5, joint CTEQ / POETIC 7 sessions only).
- Ph.D. student: $275 (Days 1-5, including full program); or $125 (Days 4-5, joint CTEQ / POETIC 7 sessions only).
The registration fee includes the reception, banquet dinner, coffee breaks, breakfast, subway tokens and proceedings.

There will be a late fee of $50 for registration fee payments after October 31, 2016.

**Financial Support:**

We will be able to waive the conference fee for a limited number of participants where priority is given to Ph.D. students and young postdocs. In order to apply, please send us an email to cteq-poetic7-local-organization@temple.edu.

**Abstract submission:**

https://phys.cst.temple.edu/poetic-cteq-2016/registration.html

**Venue:**


The Joint CTEQ and POETIC 7 Conference will take place on the Main Campus of Temple University in Philadelphia. The meeting will take place in the Howard Gittis Student Center. A map is available from here showing the venue at Temple University.

**Accommodation:**


The preferred meeting hotel is the Double Tree Hotel in Center City in Philadelphia. The preferred rate is $159/night. Please use the following conference reservation link to place your reservation with the preferred rate or contact the hotel directly yourself (800-222-8733) and mention the 'Temple University Associate Rate for the Joint POETIC / CTEQ International Conference 2016'.

We strongly encourage you to stay in the Double Tree Hotel and make your reservation as soon as possible.

Deadline for hotel preferred rate: October 14, 2016

**Travel information:**


Contact: cteq-poetic7-local-organization@temple.edu
We are looking forward to welcoming you in Philadelphia!

The Local Organizing Committee:

Martha Constantinou (Temple University)
Andreas Metz (Temple University) (Co-Chair)
Zein-Eddine Meziani (Temple University)
Jim Napolitano (Temple University)
Nikos Sparveris (Temple University)
Bernd Surrow (Temple University) (Co-Chair)

CTEQ organizing committee:

Cynthia Keppel (Jefferson Lab, USA)
Pavel Nadolsky (Southern Methodist University, USA)
Fred Olness (Southern Methodist University, USA)
Jeff Owens (Florida State University, USA)
Frank Petriello (Northwestern University, USA)

The International Advisory Committee:

Nestor Armesto (Universidade de Santiago de Compostela, Spain)
Elke Aschenauer (BNL, USA)
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