



First Announcement
International Workshop on Heavy Quark Physics
September 23-26, 2019
National Centre for Physics
QAU Campus, Shahdra Valley Road, Islamabad, Pakistan

Introduction

The “International Workshop on Heavy Quark Physics” is being organized by National Centre for Physics (NCP), Quaid-e-Azam University Campus, Islamabad on **September 23-26, 2019**. This is the 3rd workshop of the series in collaboration with IHEP China.

This workshop is mainly concerned to the study of the heavy quarks charm, bottom and top with extension of interesting topics involving exotic hadrons. The field of heavy quark flavor physics is of immense contemporary interest due to its discovery potential at the LHCb and B-factories like Belle, Babar, etc.

Topics to be covered:

- 1) Flavor Physics and CP violation
- 2) Light-Cone Distribution Amplitudes
- 3) B-meson decays in Precision Era
- 4) Beyond the Standard Model
- 5) Multi-quarks Physics

The research interest in heavy quark physics has grown progressively over the last few years in Pakistan and presently we have a sizable research community working at NCP and different universities of Pakistan. The purpose of this workshop is to encourage young Pakistani researchers and to facilitate them to build international collaborations. In this context, we plan to have 3/4 lectures on each of these topics. Detailed information can be found on the activity website: <http://www.ncp.edu.pk/whqp-2019.php>

Participation

Active post graduate students, post-doctoral researchers, faculty and research scientists who have also published research work in recognized international journals, will be encouraged to apply. Local hospitality will be provided to the participants. In principle, travel expenses of the participants should be borne by their home institutes. However, partial travel assistance may be provided to selected local participants residing outside Islamabad.

How to apply

Online Registration Form can be accessed at the workshop webpage. Application Form should be submitted on or before **July 01, 2019** (for foreign participants) and **August 02, 2019** (for local participants). Selection will be made by the Technical Committee of workshop. Selected applicants will be required to pay registration fee (Outstations: Rs. 2000/- Locals: Rs. 1500/-).

For Further Information, Please Contact:

Activity Secretariat: caad@ncp.edu.pk

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Prof. Ahmed Ali (DESY)

International Advisory Committee

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A. Parkhomenko (Russia)

Cai-Dian Lu (China)

W. Wang (China)

P. Arnold (USA)

Key Speakers

A. Ali (Germany)

A. Parkhomenko (Russia)

Sheldon Stone (USA)

W. Wang (China)

Fu-Sheng Yu (China)

Run-Hui Li (China)

Bruno El-Bennich (Brazil)

Ivan Nisandzic (Germany)

Scientific Organizing Committee

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Abdur Rehman (THEP, NCP)

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APPLICATION DEADLINE

Foreign Participants

July 01, 2019

Local Participants

August 02, 2019