

## REGISTRATION FORM

(Copies are acceptable)  
Please type/print in CAPITAL Letters.

### Workshop on Industrial Vacuum Applications

January 28-30, 2014

At Centre for High Energy Physic (CHEP)

Name: \_\_\_\_\_

CNIC: \_\_\_\_\_

Organization: \_\_\_\_\_

Designation: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

Mobile No.: \_\_\_\_\_

Email address: \_\_\_\_\_

Enclosed Pay Order/Demand Draft No:  
\_\_\_\_\_ Bank \_\_\_\_\_

Payable to Pakistan Vacuum Society Rawalpindi

Amount Rs. \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### FOR OFFICIAL USE

Payment received: Yes  No

Amount: \_\_\_\_\_ Bank: \_\_\_\_\_

Reg. No. \_\_\_\_\_ Reg. Date: \_\_\_\_\_

Please send filled Registration Form and Payment to:  
**PROMARK**, 242-B Shalimar Lane, Cavalry Grounds  
Extension, Lahore Cantt. Phone: 042-36667164  
Mobile: 0335-4388962; Email: [info@promark.com.pk](mailto:info@promark.com.pk)

## WORKSHOP CONTENTS

- Role of Vacuum Technology in Research and Development
- Future of Vacuum Technology in Pakistan
- Vacuum Generation
- Vacuum Measurement
- Vacuum System Design
- Leak Detection Techniques
- Vacuum Fluids and Greases
- Industrial Vacuum Applications
- Vacuum Applications in Plasma and Laser
- Vacuum Insulation
- Vacuum Food Processing
- Solar Energy

**An Industrial Visit will also be a part of the Workshop**

## VENUE

Centre for High Energy Physic (CHEP)  
University of the Punjab, Lahore  
Phone: 042-99231137

## QUERIES? PLEASE CONTACT:

Email: [pvs.workshops@gmail.com](mailto:pvs.workshops@gmail.com)

- Mr. Shehzad Ahmed, Event Coordinator  
Phone: 042-36667164, Mobile: 0321-8402556
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- Dr. Talib Hussain, Technical Coordinator  
Mobile: 0313-5102173

## Three Days Workshop

on

## Industrial Vacuum Applications

January 28-30, 2014

Lahore, Pakistan



**Organized By:**

**Pakistan Vacuum Society (PVS)**  
(Lahore Chapter)

**Centre for High Energy Physics (CHEP),  
University of the Punjab, Lahore**

**Event Management By:**



## INTRODUCTION

Today, the VACUUM is being extensively utilized in almost all modern research and industrial applications. Vacuum technology plays a vital role in many industrial processes. A better understanding and correct management of vacuum technology equipment will increase the plant efficiency and performance as well as increasing safety for all concerned.

This workshop will focus mainly on industrial vacuum applications and the type of vacuum equipment used in the industries and educational institutions. Starting from a basic level, it will move on to practical aspects of advanced technological equipment.

Practical demonstrations of the vacuum technology equipment and components will provide an opportunity to the participants to have a look at the modern tendencies ranging from rough to the ultra-high vacuum.

Keeping in view the importance and diverse applications of Vacuum Technology, Pakistan Vacuum Society (PVS) has arranged a Three-Days Workshop on Industrial Vacuum Applications at Lahore.

This workshop is being organized by the Lahore Chapter of PVS in collaboration with Centre for High Energy Physic (CHEP), University of the Punjab Lahore.

## WHO SHOULD ATTEND?

Industrialists, engineers, researchers, scientists, managers, technologists, equipment suppliers, system designers, process managers, plant operators, postgraduate students from research institutions, universities and high-tech industries such as:

Automotive, electrical & electronics, glass and ceramics, data storage device manufacturing, foods and beverages, fiber optics, flat display panels, holography, refrigeration & air conditioning, image processing, industrial control systems, lasers and optics, robotics, packaging, electrical power plants, textile, soap and detergents, batteries and fuel cells, semiconductors, coatings, tobacco, x-ray tubes, cathode ray tubes, aerospace, solar panels, telecommunications, paper and pulp, pharmaceuticals, printings, decorative coatings, plastic moldings, sewerage systems, petro-chemicals, oil refineries, health, sugar, cement, fertilizers, agriculture, renewable energy technologies, steel making, accelerators, ghee manufacturing, high-tech parts manufacturing, heat treatment, purification, drying, leather processing, etc.

## REGISTRATION FEE

**General Participant: Rs. 10,000**  
**PVS Member: Rs. 8,000**  
• Payable to “Pakistan Vacuum Society” in the form of a Bank Draft or Pay Order.

- Includes Workshop material, Refreshments (teas and lunches), Certificates and Souvenirs.
- Excludes Accommodation, Travel and other Meals.
- Seats are limited and will be filled on “**First Come-First Served**” basis with payment.

## ABOUT PVS

### AIMS

**Promotion and development of vacuum science and technology in the country through:**

- Symposia and conferences
- Training courses
- Workshops
- A linkage between international community and local industries, research institutions and universities

### OBJECTIVES

- To promote and popularize the vacuum science, technology and their applications
- To arrange seminars, conferences, educational and professional training
- To advise the government on matters relating to vacuum science and technology
- To plan and coordinate in the development of vacuum technology related industries in Pakistan
- To safeguard the interests of the community of vacuumists