



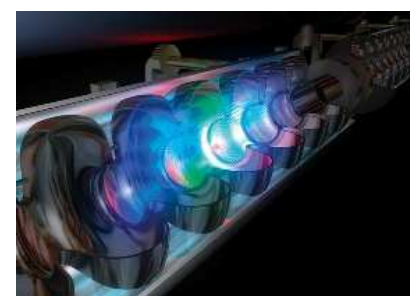
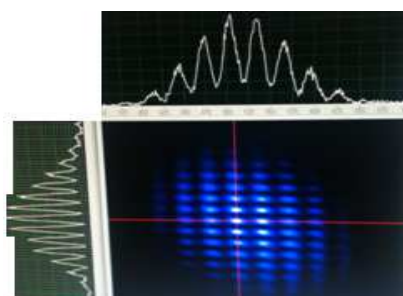
Iranian Light Source Facility



RF & BEAM INSTRUMENTATION

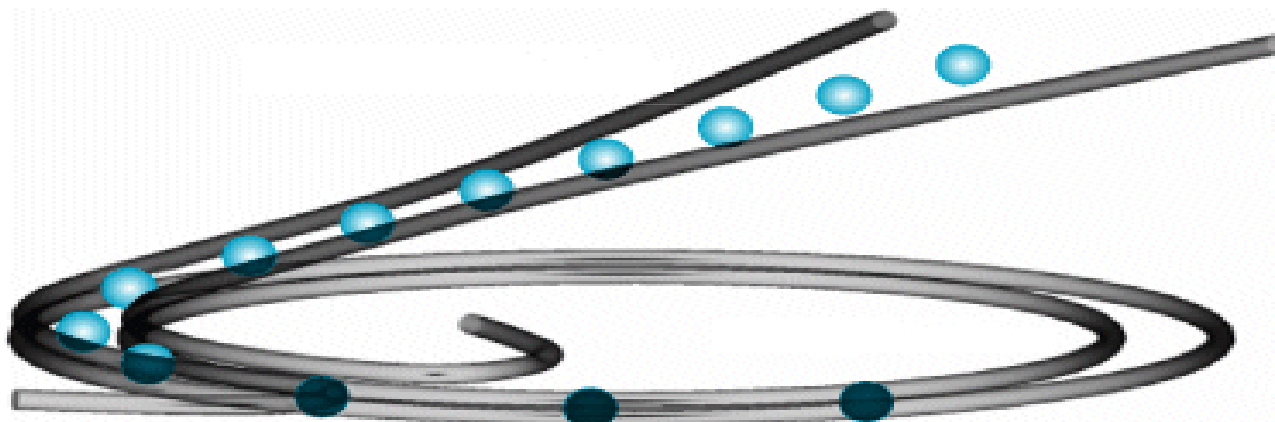
WORKSHOP

8-10 March 2014



BEAM INSTRUMENTATION
LECTURER: **PETER FORCK**
(GSI-Darmstadt, Germany)

RF - SYNCHROTRON
LECTURER: **FRANCIS PEREZ**
(ALBA-Barcelona, Spain)



TOPICS ON BEAM INSTRUMENTATION

*Measurements of **BEAM CURRENT***
*Measurements of **BEAM PROFILE***
*Measurements of **TRANSVERSE EMITTANCE***
*Measurements of **BEAM POSITION***
*Measurements of **LONGITUDINAL PARAMETERS***
& New Concepts in Diagnostics

TOPICS ON RF-SYNCHROTRON

*Concepts of **LINAC RF SYSTEMS***
*Concepts of **CAVITIES & WAVEGUIDE SYSTEMS***
*Concepts of **HIGH-POWER AMPLIFIERS***
*Concepts of **LOW-LEVEL RF CONTROL (LLRF)***
& Instabilities and Feedback systems

Basic Accelerator Knowledge is Required.

Workshop will be held at:

Niavaran, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran

For more information please visit :

Iranian Light Source Facility (ILSF)

Institute for Research in Fundamental Sciences(IPM)

<http://ilsf.ipm.ac.ir>

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Application Deadline: February, 26, 2014