

**Third Mexican Particle Accelerator School (MePAS3) – Hotel Plaza Stadium
Program Schedule from 4-9 November 2018**

TIME	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:00		Introduction to Accelerators	Beam Dynamics III	Linear Accelerators I	Beam Diagnostics I	Final Exam
10:00-11:00		Electromagnetism	Beam Dynamics IV	Linear Accelerators II	Beam Diagnostics II	Final Exam
11:00-11:15		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	Final Exam
11:15-12:15		Vacuum Systems	RF Fundamentals I	Synchrotron Radiation I	Particle Sources	Final Exam
12:15-13:15		Control Systems	RF Fundamentals II	Synchrotron Radiation II	Seminar CMAP	Final Exam
13:15-15:00		LUNCH	LUNCH	LUNCH	LUNCH	DEPARTURE
15:00-16:00	Arrival Day	Beam Dynamics I	Lab or Simulation session	Lab or Simulation session	Lab or Simulation session	
16:00-17:00		Beam Dynamics II	Lab or Simulation session	Lab or Simulation session	Lab or Simulation session	
17:00-17:30		<i>Coffee with Lyncean Technologies</i>	<i>Coffee with industrial accelerators</i>	<i>Coffee with light sources users</i>	<i>Coffee with accelerators in Science</i>	
17:30-22:00		HOMEWORK	HOMEWORK	HOMEWORK	STUDY TIME	

Regular Courses: **Introduction to Accelerators** – Dr. Humberto Maury (University of Guanajuato, Mexico)
Electromagnetism – M.Sc. Karim Hernández (University of Guanajuato, Mexico)
Vacuum Systems – Dr. Carlos Hernández-García (Thomas Jefferson National Accelerator Facility, USA)
Beam Dynamics – Dr. Crithian Valerio (Autonomous University of Sinaloa, Mexico) and Dr. Gerardo Guillermo (CINVESTAV)
RF Fundamentals – Dr. Robert Apsimon (University of Lancaster, UK)
Linear Accelerators – Dr. Crithian Valerio (Autonomous University of Sinaloa, Mexico)
Synchrotron Radiation – Dr. Liu Lin (Brazilian Synchrotron Light Laboratory, Brazil)
Beam Diagnostics – Dr. John Byrd (Argonne National Laboratory, USA)
Particle Sources – Dr. Carlos Hernández-García (Thomas Jefferson National Accelerator Facility, USA)
Seminar CMAP – Dr. Bruce Yee (JPARC, Japan)

Elective courses (Tuesday to Thursday from 15-17h): **1) Experimental session** – Dr. Carlos Hernández (JLAB), Dr. Carlos Duarte (UAS) and Dr. Humberto Maury (UG)
2) Advanced Computation Workshop – Dr. Crithian Valerio (UAS) and Dr. Jose Ibarra
3) Ion Beam Analysis – Dr. Juan Aspiazu (ININ)