

Programme for the European Summer School 2014: Physics of the Higgs Boson

day	6.7. UFR	7.7. Mon UFR	8.7. Tue UFR 8h30	9.7. Wed KIT Departure 7h45	10.7. Thu UFR 8h30	11.7. Fri UFR 8h30	12.7. Sat UFR 10h00
8h30-10h15		9h00 <i>Opening</i> C. Florentz, Vice-president for research <i>Université de Strasbourg</i> 9h30 F. Englert (Video transmission from ICHEP 2014) <i>Spontaneous Symmetry Breaking</i>	M. Bachtis (CERN) <i>Data Analysis and results on the Higgs 1</i>	9h00 M. Mühlleitner (KIT) <i>The Higgs Mechanism 3</i>	M. Bachtis (CERN) <i>Data Analysis and results on the Higgs 2</i>	M. Bachtis (CERN) <i>Data Analysis and results on the Higgs 3</i> <i>What to expect in future high energy colliders</i> Discussion: future facilities for particle physics	<i>9h00-10h00</i> <i>Working group</i> <i>Cosmology</i> <i>Higgs theory(?)</i>
		Coffee					Coffee
10h45-12h30		M. Mühlleitner (KIT) <i>The Higgs Mechanism 1</i>	M. Mühlleitner (KIT) <i>The Higgs Mechanism 2</i>	U. Husemann (KIT) <i>The upgrade programme of the LHC experiments</i>	11h00 Visit of the European Parliament	L. Sorbo (University of Massachusetts Amherst) <i>The early Universe: Inflation and symmetry breaking</i>	11h00 Synthesis from Working groups 11h30 Conclusions and end of school
	14h00-18h00 registration	12h30 Lunch	12h30 Lunch	12h00 Lunch	13h00 Lunch	12h30 Lunch	12h00 Lunch buffet at UFR
		14h00 J.M. Brom <i>Experimental Challenges 1</i> <i>LHC and detectors</i>	14h00: W. Rodejohann <i>Lepton mixing and Neutrino masses 2</i>	13h30 U. Husemann (KIT) <i>Visit of KCETA KATRIN experiment</i> <i>Silicon detectors</i>	Caisse universitaire 13h30-14h30	13h45 Excursion to the Vosges	
			15h00 Coffee	15h45 Change of group	14h30 Bus to IPHC <i>Working groups in parallel:</i> <i>Higgs theory</i> <i>Higgs analysis</i> <i>Higgs linear collider</i>	Ribeauvillé Walk Haute Koenigsbourg	Free
		15h45h Coffee	<i>Working groups: Neutrinos</i> <i>Higgs theory</i> <i>Statistical tools in Higgs search (tbc)</i>	Around 17h30 return Bus departure			Departure
		16h15: W. Rodejohann <i>Lepton mixing and Neutrino masses 1</i>					
		17h15: <i>Presentation of participants, Working groups</i> <i>Poster session</i>					
		18h30 Welcome reception at UFR	19h00 Reception at Hôtel de Ville Strasbourg	free	free	Soirée Tartes flambées Kintzheim	
Evening			21h00 Boat ride <i>22h semi final</i>	<i>22h semi final</i>		<i>22h 3rd rank</i>	<i>22h final</i>