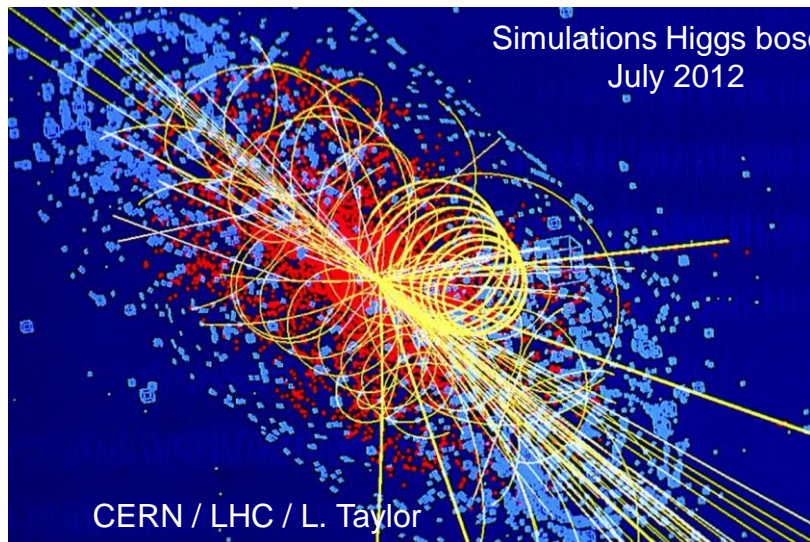




JOINT UNIVERSITIES ACCELERATOR SCHOOL

SUMMARY JUAS 2013



Professors and assistants in 2013 – Course 1

Professors / Assistants	Lecture	Home
P. Bryant	Introduction to Accelerators	England
H. Henke	Relativity & Electromagnetism	University Berlin
J.M. De Conto	Particle optics	University J. Fourier
A. Latina / J. Resta Lopez	Transverse Beam Dynamics	CERN
G. Sterbini	MADX	CERN
E. Métral	Longitudinal Beam Dynamics	CERN
A. Lombardi / J.B. Lallement	Linacs	CERN
Y. Papaphilippou	Linear imperfections & non-linear effects	CERN
M. Migliorati	Instabilities	University Roma
K. Wille	Synchrotron radiations	University Dortmund
F. Chautard	Cyclotrons	GANIL
T. Perron	Injection / Extraction	ESRF

Seminars in 2013 – Course 1

Professors	Lecture	Home
L. Rinolfi	Linear colliders	CERN / JUAS
B. Cros	Plasma acceleration	CNRS / Paris Sud Orsay

Professors and assistants in 2013 – Course 2

Professors / Assistants	Lecture	Home
F. Caspers / S. Federmann	RF engineering	CERN
P. Chiggiato / R. Kersevan	Vacuum	CERN
S. Russenschuck / C. Giloux	Magnets design	CERN
T. Zickler / J. Bauche	Normal conducting magnets	CERN
M. Wilson	Superconducting magnets	Oxford Instruments
P. Forck	Beam instrumentation	GSI
H. Koivisto	Particle sources	Jyväskylä university
E. Zimoch	Accelerator control	PSI
W. Mondelears	Low energy electron accelerators	Gent university
P. Verbruggen	Accelerators for industrial & medical appl.	IBA
S. Bousson	High current proton linacs	IN2P3/IPNO
R. Miralbell	Therapeutic applications	HUG
S. Meyroneinc	Reliability of accelerators	Institut Curie
P. Berkvens	Radiation and safety	ESRF

Seminars in 2013 – Course 2

Professors	Lecture	Home
A. Degiovani	Hadron therapy	EPFL / TERA
R. Losito	Effects of radiations in particle accelerators	CERN

Computing works



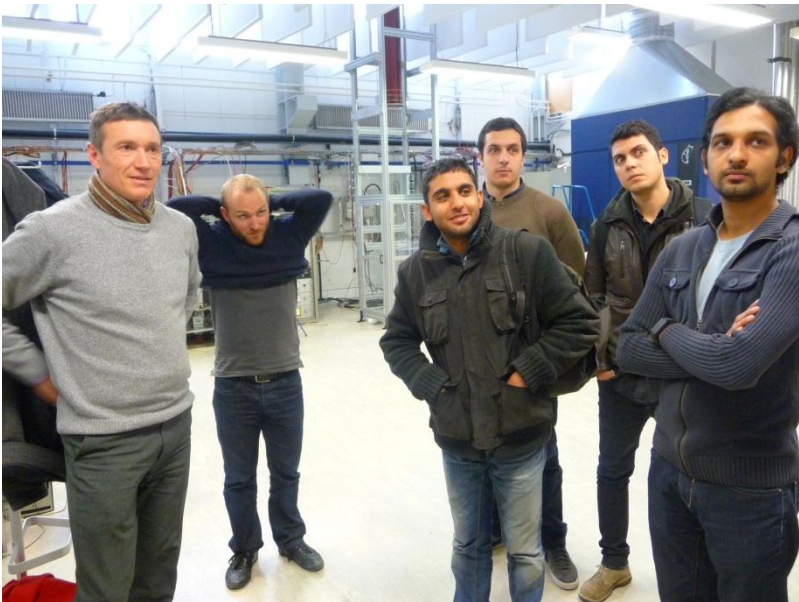
WEEK 5

		WEEK 5						
		Monday Feb 4th	Tuesday Feb 5th	Wednesday Feb 6th	Thursday Feb 7th	Friday Feb 8th		
09:00			EXAMINATION Transverse beam dynamics <i>Written session</i>	EXAMINATION Longitudinal beam dynamics <i>Written session</i>	EXAMINATION Synchrotron radiation <i>Written session</i>		09:00	
10:00							10:00	
10:15			<i>Written session</i>	<i>Written session</i>	<i>Written session</i>		10:15	
	10:30		Coffee Break	Coffee Break	Coffee Break			
	10:45							
11:15				EXAMINATION Linear imperfections <i>Written session</i>	EXAMINATION Particle optics <i>Written session</i>		11:15	
12:15							12:15	
13:00					BUFFET END OF 1ST JUAS SESSION			
14:00							14:00	
15:00							15:00	
16:00							16:00	
16:15							16:15	
17:15							17:15	

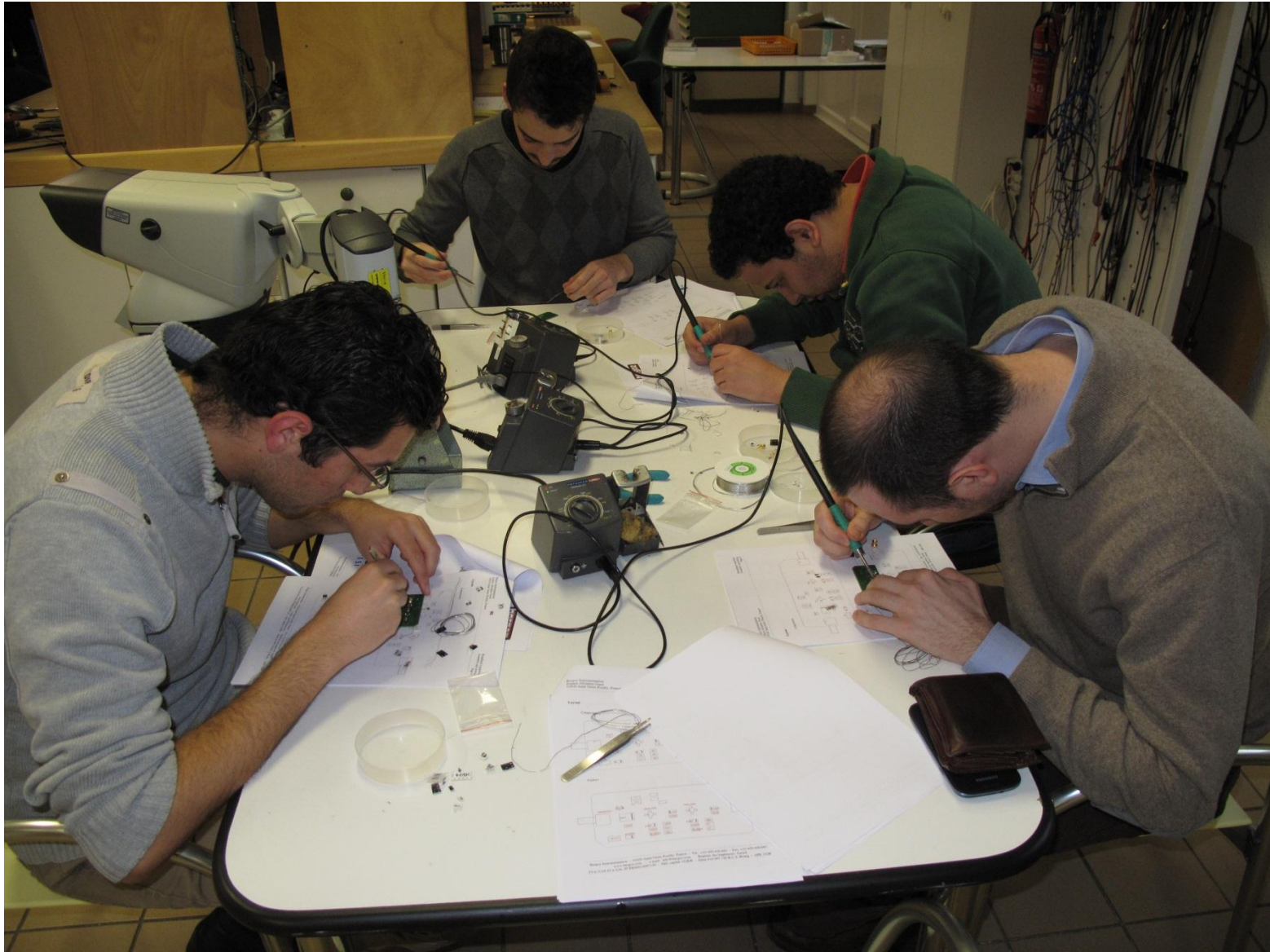
WEEK 10

	Monday Mar 11th	Tuesday Mar 12th	Wednesday Mar 13th	Thursday Mar 14th	Friday Mar 15th	
09:00						09:00
		EXAMINATION Beam Instrumentation <i>Written session</i>	EXAMINATION Magnets <i>Written session</i>	EXAMINATION RF <i>Written session</i>		
10:00 10:15						10:00 10:15
		Coffee Break	Coffee Break	DISCUSSION SUMMARY of JUAS courses		
11:15		EXAMINATION High power p+ linac <i>Written session</i>	EXAMINATION Low energy e- linac <i>Written session</i>			11:15
12:15						12:15
13:00				LUNCH for the END JUAS school 2013		
14:00						14:00
15:00						15:00
16:00 16:15						16:00 16:15

CERN Practical Day



BERGOZ Practical Day



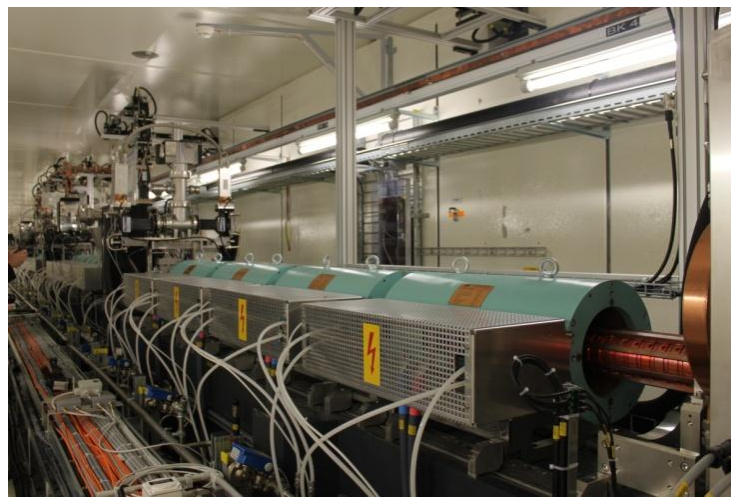
CERN Visits



ESRF Visit



PSI Visit



PSI Visit



HUG Visit



Annecy



Lausanne



Lyon



Chamonix

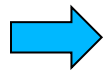


Job opportunities from JUAS

Being at JUAS is **THE** opportunity to find a position for an:

 Internship or traineeship in European Laboratories,

 Summer job,

 a PhD grant,

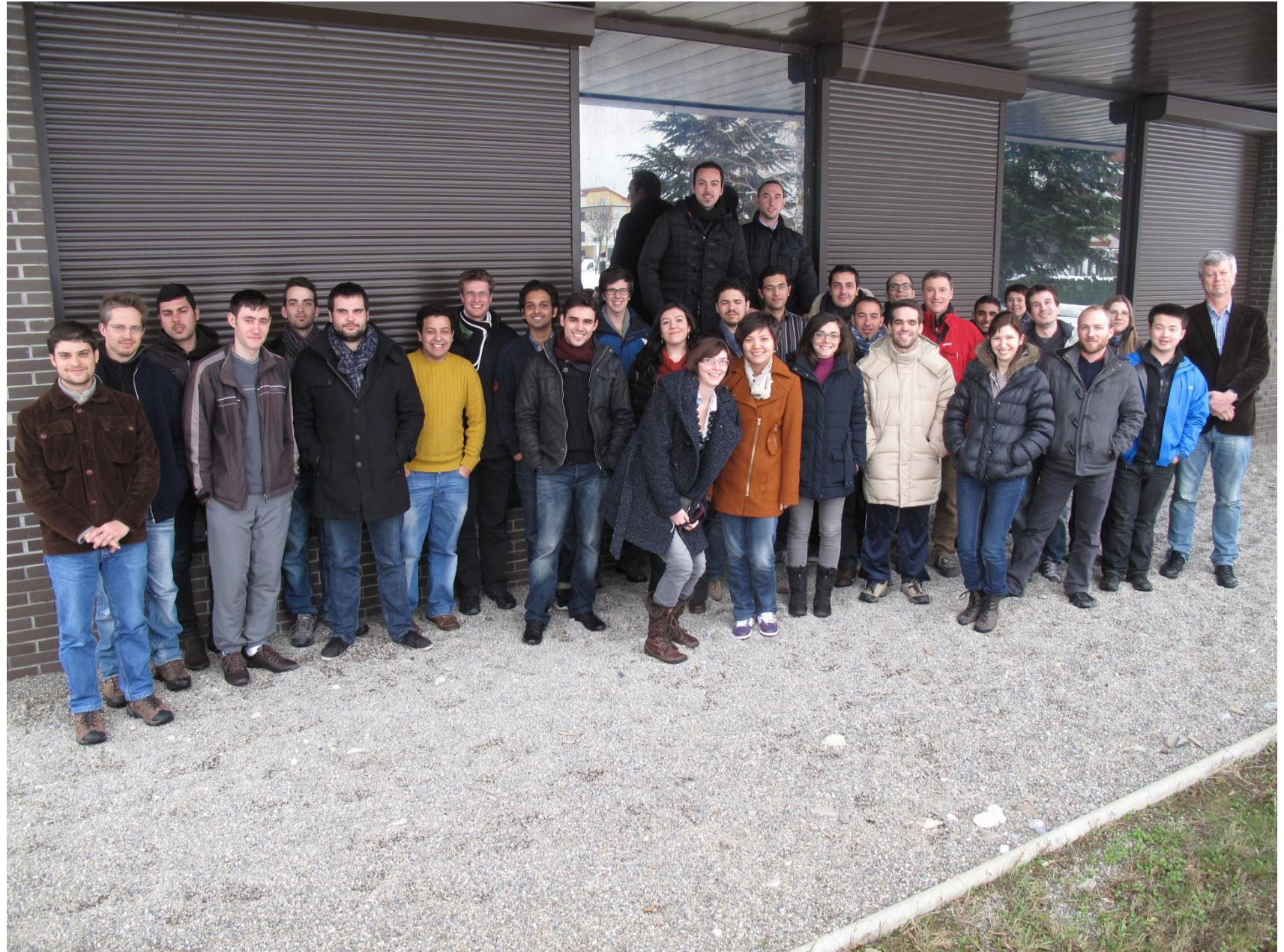
or other job opportunity.

JUAS students at “IPAC” Conference

JUAS 2013 – Sciences & Physics of Particle Accelerators course



JUAS 2013 – Technology & Applications of Particle Accelerators course



Appreciation sheets

MARKING

Between 0 and 5 Example :

Requested Level	Oral Presentation (Pedagogy)	Written Documentation
Too much = 5 As expected = 3 Too low = 0	Excellent = 5 Satisfactory = 3 Bad = 0	Excellent = 5 Satisfactory = 3 Not acceptable = 0

Thank you for your feed-back

Thanks to Marco, Johannes, Marie and Coline for the pictures

