

WEEK 1

JUAS 2011 week 1	Monday 3 Jan.	Tuesday 4 Jan.	Wednesday 5 Jan.	Thursday 6 Jan.	Friday 7 Jan.	JUAS 2011 week 1
9:00		Introduction to Accelerators <i>Ph. Bryant</i>	Introduction to Accelerators <i>Ph. Bryant</i>	Introduction to Accelerators <i>Ph. Bryant</i>	Introduction to Accelerators <i>Ph. Bryant</i>	9:00
9:50						9:50
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
10:15	Registration at JUAS Office	Introduction to Accelerators <i>Ph. Bryant</i>	Introduction to Accelerators <i>Ph. Bryant</i>	Particle Optics <i>F. Méot</i>	Particle Optics <i>F. Méot</i>	10:15
11:05						11:05
11:10	Registration at JUAS Office	Relativity Revision <i>V. Vaccaro</i>	Electro-magnetism Revision <i>V. Vaccaro</i>	Particle Optics <i>F. Méot</i>	Particle Optics Tutorial <i>F. Méot</i>	11:10
12:00						12:00
	CHECK-IN @ Residential	LUNCH	LUNCH	LUNCH	LUNCH	
14:00						14:00
15:00	Presentation Of JUAS 2011 <i>F. Méot/L. Riolfi</i>	Relativity Revision <i>V. Vaccaro</i>	Electro-magnetism Revision <i>V. Vaccaro</i>	Particle Optics Guided studies <i>F. Méot</i>	Introduction to Mini-workshop <i>Ph. Bryant</i>	
16:00						16:10
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
17:00	Bus transportation to shopping center	Relativity Tutorial	Electro-magnetism Tutorial	Particle Optics Guided studies	Introduction to Mini-workshop	17:00
		WELCOME COCKTAIL				

WEEK 2

JUAS 2011 week 2	Monday 10 Jan.	Tuesday 11 Jan.	Wednesday 12 Jan.	Thursday 13 Jan.	Friday 14 Jan.	JUAS 2011 week 2
9:00	Transverse Dynamics <i>B. Holzer</i>	Longitudinal Dynamics <i>E. Métral</i>	Longitudinal Dynamics <i>E. Métral</i>	Longitudinal Dynamics <i>E. Métral</i>	Longitudinal Dynamics <i>E. Métral</i>	9:00
9:50	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	9:50
10:15	Transverse Dynamics Dynamics <i>B. Holzer</i>	Transverse Dynamics Guided studies <i>B. Holzer & R. Alemany</i>	Longitudinal Dynamics <i>E. Métral</i>	Longitudinal Dynamics Guided studies <i>E. Métral</i>	Longitudinal Dynamics Tutorial <i>E. Métral</i>	10:15
11:05	11:10	11:10	11:10	11:10	11:10	11:05
12:00	Longitudinal Dynamics <i>E. Métral</i>	Transverse Dynamics Tutorial <i>B. Holzer & R. Alemany</i>	Transverse Dynamics <i>B. Holzer</i>	Longitudinal Dynamics Guided studies <i>E. Métral</i>	Longitudinal Dynamics <i>E. Métral</i>	12:00
12:00	LUNCH BOX	LUNCH	LUNCH	LUNCH	LUNCH	12:00
12:10:00	Departure					
15:00	VISIT OF ESRF	Transverse Dynamics <i>B. Holzer</i>	Computer room open	Computer room open	Computer room open	
15:50	15:50	15:50	15:50	15:50	15:50	15:00
16:10	16:10	16:10	16:10	16:10	16:10	15:00
16:10	16:10	16:10	16:10	16:10	16:10	15:50
16:10	16:10	16:10	16:10	16:10	16:10	16:10
17:00	Return 18:00:00	INTRODUCTION TO MADX <i>G. Sterbini & M. Marx</i>	Transverse Dynamics Guided studies <i>B. Holzer & R. Alemany</i>	Transverse Dynamics Dynamics <i>B. Holzer</i>	Longitudinal Dynamics Guided studies <i>E. Métral</i>	17:00


WEEK 3

JUAS 2011 week 3	Monday 17 Jan.	Tuesday 18 Jan.	Wednesday 19 Jan.	Thursday 20 Jan.	Friday 21 Jan.	JUAS 2011 week 3	Sunday 23 Jan.
9:00	Linacs <i>A. Lombardi</i>	Linear Imperfections <i>Y. Papaphilippou</i>	Non-linear effects <i>Y. Papaphilippou</i>	Linacs Tutorial <i>J.B. Lallement</i>	Instabilities <i>M. Migliorati</i>	9:00	09H30 bus leaves
9:50	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	9:50	TOUR TO C H A M O N I X
10:15	Linacs <i>A. Lombardi</i>	Linear Imperfections Guided studies <i>Y. Papaphilippou</i>	Non-linear effects Guided studies <i>Y. Papaphilippou</i>	Space Charge <i>M. Migliorati</i>	Injection & Extraction <i>L. Farvacque</i>	10:15	
11:05	Linacs <i>A. Lombardi</i>	Linear Imperfections Tutorial <i>Y. Papaphilippou</i>	Linacs <i>A. Lombardi</i>	Space Charge <i>M. Migliorati</i>	Injection & Extraction Guided studies <i>L. Farvacque</i>	11:05	
11:10	Linacs <i>A. Lombardi</i>	Linear Imperfections Tutorial <i>Y. Papaphilippou</i>	Linacs <i>A. Lombardi</i>	Space Charge <i>M. Migliorati</i>	Injection & Extraction Guided studies <i>L. Farvacque</i>	11:10	
12:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	12:00	
13:00	Computer room open	Departure 13:00	Computer room open	Computer room open	Computer room open	13:00	
15:00	Linear Imperfections <i>Y. Papaphilippou</i>	VISITS AT CERN	Linacs Guided studies <i>J.B. Lallement</i>	Space charge Guided studies <i>M. Migliorati</i>	Instabilities <i>M. Migliorati</i>	15:00	
15:50	Coffee break		Coffee break	Coffee break	Coffee break	15:50	
16:10	Linear Imperfections <i>Y. Papaphilippou</i>		Linacs Guided studies <i>J.B. Lallement</i>	Space charge Guided studies <i>M. Migliorati</i>	Instabilities Tutorial <i>M. Migliorati</i>	16:10	
17:00							

WEEK 4

JUAS 2011 week 4	Monday 24 Jan.	Tuesday 25 Jan.	Wednesday 26 Jan.	Thursday 27 Jan.	Friday 28 Jan.	JUAS 2011 week 4
9:00	Synchrotron Radiation <i>K. Wille</i>	COMPUTER WORKSHOP DAY :	Cyclotrons <i>F. Chautard</i>	Synchrotron Radiation Guided studies <i>K. Wille</i>	Synchrotron Radiation <i>K. Wille</i>	9:00
9:50	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	9:50
10:15	Synchrotron Radiation <i>K. Wille</i>	<i>Machine Design</i>	Synchrotron Radiation <i>K. Wille</i>	Cyclotrons Guided studies <i>F. Chautard</i>	Synchrotron Radiation <i>K. Wille</i>	10:15
11:05	Synchrotron Radiation	<i>K. Wille</i>	Synchrotron	Cyclotrons	Synchrotron	11:05
11:10	Guided studies <i>K. Wille</i>		Radiation <i>K. Wille</i>	Guided studies <i>F. Chautard</i>	Radiation <i>K. Wille</i>	11:10
12:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	12:00
	<i>Computer room open</i>	<i>Machine Design</i>	<i>Computer room open</i>	<i>Computer room open</i>	<i>Computer room open</i>	
15:00	Synchrotron Radiation Guided studies <i>K. Wille</i>	<i>Ph. Bryant</i>	Cyclotrons <i>F. Chautard</i>	Synchrotron Radiation Tutorial <i>K. Wille</i>	Conclusion to Mini-workshop <i>Ph. Bryant</i>	15:00
15:50	Coffee break		Coffee break	Coffee break	Coffee break	Coffee break
16:10	Synchrotron Radiation Tutorial <i>K. Wille</i>	<i>J. Payet</i>	Cyclotrons <i>F. Chautard</i>		to Mini-workshop <i>Ph. Bryant</i>	16:10
17:00						17:00

WEEK 5

JUAS 2011 week 5	Monday 31 Jan.	Tuesday 1 Feb.	Wedn. 2 Feb.	Thursday 3 Feb.	Friday 4 Feb.	JUAS 2011 week 5
9h00			EXAMINATION Transverse Dynamics <i>Written session</i>	EXAMINATION Synchrotron Radiation <i>Written session</i>		9h00
10h20			DOCUMENTS ALLOWED	DOCUMENTS ALLOWED		10h20
10h40			Coffee break	Coffee break		10h40
12h00			EXAMINATION Non-core topics <i>Written session</i>	EXAMINATION Longitudinal dynamics <i>Written session</i>		12h00
			DOCUMENTS ALLOWED	DOCUMENTS ALLOWED		
			LUNCH	- BUFFET - END OF 1ST JUAS SESSION		
						

CORE SUBJECTS :
Transverse
Longitudinal

B Holzer
E Métral

NON CORE SUBJECTS :
To be defined

WEEK 6

JUAS 2011 week 6	Monday 7 Feb.	Tuesday 8 Feb.	Wednesday 9 Feb.	Thursday 10 Feb.	Friday 11 Feb.	JUAS 2011 week 6
9:00		Radio-frequency engineering <i>F. Caspers</i>	Vacuum Systems <i>J-M Jimenez</i>	Vacuum Systems <i>J-M Jimenez</i>	Radio-frequency engineering <i>F. Caspers</i>	9:00
9:50	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	9:50
10:15	Registration at JUAS Office	Radio-frequency engineering <i>F. Caspers</i>	RF Engineering Tutorial <i>F. Caspers</i>	Vacuum Systems Tutorial <i>J-M Jimenez</i>	Radio-frequency engineering <i>F. Caspers</i>	10:15
11:05						11:05
11:10	Presentation Of JUAS 2009 <i>L. Rinolfi</i>	Radio-frequency engineering <i>F. Caspers</i>	Vacuum Systems <i>J-M Jimenez</i>	Radio-frequency engineering <i>F. Caspers</i>	RF Engineering Tutorial <i>F. Caspers</i>	11:10
12:00						12:00
	CHECK-IN @ Residential	LUNCH	LUNCH	LUNCH	LUNCH	
15:00					Departure 13:00	13:00
	Introduction to Accelerators & components <i>L. Rinolfi</i>	RF Engineering Guided studies <i>F. Caspers & assistant</i>	Vacuum Systems Guided studies <i>J-M Jimenez & assistant</i>	RF Engineering Guided studies <i>F. Caspers & assistant</i>	VISIT @	15:00
15:50					CERN	15:50
	Coffee break	Coffee break	Coffee break	Coffee break		
16:10	Introduction to Accelerators & components <i>L. Rinolfi</i>	RF Engineering Guided studies <i>F. Caspers & assistant</i>	Vacuum Systems Guided studies <i>J-M Jimenez & assistant</i>	RF Engineering Guided studies <i>F. Caspers & assistant</i>	RF Instrumentation	16:10
17:00					Machines	17:00
	Bus transportation for shopping	WELCOME COCKTAIL				

WEEK 7

JUAS 2011	Monday	Tuesday	Wednesday	Thursday	Friday	JUAS 2011
week 7	14 Feb.	15 Feb.	16 Feb.	17 Feb.	18 Feb.	week 7
09:00	Design of Accelerator Magnets <i>S.Russenschuck</i>	Design of Accelerator Magnets <i>S.Russenschuck</i>	Conventional Magnets <i>I. Sakai</i>	Design of Accelerator Magnets Tutorial & softwares <i>S.Russenschuck</i>	Bus leaves at 8H30 PRACTICAL WORK @ CERN * RF * VACUUM * MAGNETS * CRYOGENY * Magnet design * F. Caspers * JM Jimenez * Ch. Giloux W. Venturini * A. Ballarino * S Russenschuck	09:00
09:50	Coffee break	Coffee break	Coffee break	Coffee break		09:50
10:15	Design of Accelerator Magnets <i>S. Russenschuck</i>	Design of Accelerator Magnets Tutorial & softwares <i>S.Russenschuck</i>	Conventional Magnets Tutorial/Guided st. <i>I. Sakai</i>	Preparation Cryo-day <i>A. Ballarino</i>		10:15
11:05	Conventional Magnets <i>I. Sakai</i>	Superconducting magnets <i>M. Wilson</i>	Superconducting Tutorial/Guided st. <i>M. Wilson</i>	FREE		11:05
11:10	LUNCH	LUNCH	LUNCH			11:10
12:00	Conventional Magnets <i>I. Sakai</i>	Superconducting Magnets <i>M. Wilson</i>	Superconducting magnets <i>M. Wilson</i>	TIME		12:00
15:00	Coffee break	Coffee break	Coffee break			15:00
15:50	Superconducting magnets <i>M. Wilson</i>	Conventional Tutorial/Guided st. <i>I. Sakai</i>	Superconducting Tutorial/Guided st. <i>M. Wilson</i>			15:50
16:10	Superconducting magnets <i>M. Wilson</i>	Conventional Tutorial/Guided st. <i>I. Sakai</i>	Superconducting Tutorial/Guided st. <i>M. Wilson</i>	16:10		
17:00						17:00


WEEK 8

JUAS 2011 week 8	Monday 21 Feb.	Tuesday 22 Feb.	Wednesday 23 Feb.	Thursday 24 Feb.	Friday 25 Feb.	JUAS 2011 week 8
9:00	Superconducting RF Cavities <i>W. Weingarten</i>	Beam Instrumentation <i>P. Forck</i>	Beam Instrumentation Tutorial <i>P. Forck</i>	Beam Instrumentation Tutorial <i>P. Forck</i>	VISIT AT PSI	9:00
9:50	Coffee break	Coffee break	Coffee break	Coffee break		9:50
10:15	Superconducting RF Cavities <i>W. Weingarten</i>	Beam Instrumentation <i>P. Forck</i>	Beam Instrumentation <i>P. Forck</i>	Beam Guided studies <i>P. Forck</i>		10:15
11:05	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Beam Instrumentation <i>P. Forck or assistant</i>	Beam Instrumentation Guided studies <i>P. Forck or assistant</i>	Beam Instrumentation Guided studies <i>P. Forck or assistant</i>		11:05
11:10	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Beam Instrumentation <i>P. Forck or assistant</i>	Beam Instrumentation Guided studies <i>P. Forck or assistant</i>	Beam Instrumentation Guided studies <i>P. Forck or assistant</i>		11:10
12:00	LUNCH			BUS LEAVES AT 12:10 TRAVEL TO PSI, VILLIGEN		12:00
14:00		Superconducting RF Cavities Tutorial <i>W. Weingarten</i>				14:00
14:50	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Beam Instrumentation Guided studies <i>P. Forck</i>			
15:00	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Beam Instrumentation Guided studies <i>P. Forck</i>			15:00
15:50	Coffee break	Coffee break	Coffee break			15:50
16:10	Superconducting RF Cavities <i>W. Weingarten</i>	Superconducting RF Cavities Guided studies <i>W. Weingarten</i>	Beam Instrumentation <i>P. Forck</i>	VISIT AT PSI	TRAVEL BACK TO JUAS	16:10
17:00				Diner at PSI		17:00

WEEK 9

JUAS 2011	Monday	Tuesday	Wednesday	Thursday	Friday	JUAS 2011
week 9	28 Feb.	1 Mar.	2 Mar.	3 Mar.	4 Mar.	week 9
9:00	Particle Sources <i>T. Thuillier</i>	High Current Proton Linacs <i>S. Bousson</i>	Radiation & Safety <i>P. Berkvens</i>	Low Energy Electron Accelerators <i>W. Mondelaers</i>	BUS AT * 8:30 *	9:00
9:50	Coffee break	Coffee break	Coffee break	Coffee break	VISIT AND	9:50
10:15	Particle Sources <i>T. Thuillier</i>	HCP-Linacs Guided studies <i>S. Bousson</i>	Radiation & Safety <i>P. Berkvens</i>	Low Energy Electron Accelerators <i>W. Mondelaers</i>		10:15
11:05	Particle Sources <i>T. Thuillier</i>	HCP-Linacs Guided studies <i>S. Bousson</i>	Radiation & Safety <i>P. Berkvens</i>	Low Energy Electron Accelerators <i>W. Mondelaers</i>	EXPERIMENTAL WORK AT	11:05
11:10						11:10
12:00	LUNCH	LUNCH	LUNCH	LUNCH		12:00
14:00		Transport To Geneva Hospital		Accelerators for industrial & medical applications <i>Y. Jongen</i>		14:00
15:00	Accelerator command/control <i>E. Zimoch</i>	Therapeutic applications <i>R. Miralbell</i>	Production of Medical isotopes <i>G. Beyer</i>	Accelerators for industrial & medical applications <i>Y. Jongen</i>	BERGOZ	14:50 15:00
15:50	Coffee break		Coffee break	Coffee break		15:50
16:10	Accelerator command/control <i>E. Zimoch</i>	Visit of Geneva Hospital	Production of Medical isotopes <i>G. Beyer</i>	Accelerators for industrial & medical applications <i>Y. Jongen</i>	INSTRUMENTATION	16:10
17:00						17:00

WEEK 10

JUAS 2011	Monday	Tuesday	Wednesday	Thursday	Friday	JUAS 2011
week 10	7 Mar.	8 Mar.	9 Mar.	10 Mar.	11 Mar.	week 10
9h00		EXAMINATION RF (F. Caspers) Written Session	EXAMINATION MAGNETS (S. Russenschuck / I. Sakai) Written Session	EXAMINATION INSTRUMENTATION (P. Fork) Written Session		09h00
10h20		DOCUMENTS ALLOWED	DOCUMENTS ALLOWED	DOCUMENTS ALLOWED		10h20
10h40		Coffee break	Coffee break	Coffee break		10h40
17:00				EXAMINATION Non-core topics <i>Written session</i> DOCUMENTS ALLOWED - BUFFET - END OF JUAS 		12h00
17:00						17:00

CORE SUBJECTS : RF Magnets Instrumentation	NON CORE SUBJECTS : F. Caspers S. Russenschuck / I. Sakai P. Fork To be defined
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