

## WEEK 1 - Tentative TIMETABLE -- Supervisors : C. CACHARD, Lyon-F / J. GELEIJNS, Leiden-NL

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Week 1	Thursday 18 Oct. 12	Friday 19 Oct. 12	Saturday 20 Oct. 12	Monday 22 Oct.12	Tuesday 23 Oct.12	Week 1
	<b>Imaging Principles &amp; CT</b>	<b>Tools for Med. Imaging</b>	<b>Computed Tomography</b>	<b>Ultrasound</b>	<b>Ultrasound</b>	
08:15 <b>L1</b> 09:10	School Opening Ceremony Introduction to week programme <i>C. Monteil, H.Hoffmann, Y. Lemoigne, K Geleijns</i>	<b>Radiography</b> <i>J. Geleijns, Leiden-NL</i>	<b>Physics of Fluoroscopy 1</b> <i>A. Davies, Leeds-UK</i>	<b>Ultrasound Transducers</b> <i>H. Liebgott / Lyon</i>	<b>Ultrasonic Doppler modes</b> <i>P. Tortoli , Firenze-I</i>	08:15 <b>L1</b> 09:10
09:15 <b>L2</b> 10:10	<b>Fundamentals of digital Imaging</b> <i>K.F Kamm Philips-Hamburg-D</i>	<b>Digital Xray Imaging</b> <i>E. Castellano, London,UK</i>	<b>Physics of Fluoroscopy 1</b> <i>A. Davies, Leeds-UK</i>	<b>Contrast Agents</b> <i>C. Cachard, Lyon</i>	<b>US Intravascular Imaging</b> <i>N. de Jong , Rotterdam -NL</i>	09:15 <b>L2</b> 10:10
	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	
10:35 <b>L3</b> 11:30	<b>Fundamentals of digital Imaging</b> <i>K.F Kamm Philips-Hamburg-D</i>	<b>Physical Principles of Mammography</b> <i>E. Castellano, London - UK</i>	<b>Ultrasound Basic Principles</b> <i>C. Cachard / J.M. Mari Lyon / INSERM-</i>	<b>Image postprocessing &amp; measurement</b> <i>H. Liebgott / Lyon-</i>	<b>US development over 30 years</b> <i>N. de Jong , Rotterdam-</i>	10:35 <b>L3</b> 11:30
11:35 <b>L4</b> 12:35	<b>Physics of Computed Tomography 1</b> <i>J. Geleijns, Leiden-NL</i>	<b>Patient Dosemetry &amp; QA for X-ray, CT , MammoGr</b> <i>E. Castellano, London -UK</i>	<b>Ultrasound Basic Principles</b> <i>J.M. Mari INSERM-Lyon-</i>	<b>PC-Practical Exercices</b> <i>H. Liebgott /C. Cachard -Lyon</i>	<b>Ultrasonic Doppler modes</b> <i>P. Tortoli , Firenze-I</i>	11:35 <b>L4</b> 12:35
	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH @CERN</b>	<b>LUNCH</b>	<b>LUNCH</b>	
14:15 <b>L5</b> 15:00	<b>Physics of Computed Tomography 2</b> <i>J. Geleijns, Leiden-NL</i>	<b>Radio Isotopes, Production &amp; use</b> <i>G. Beyer, HCUGE-C E</i>	<b>VISIT to CERN</b> <i>(Y. Lemoigne</i>	<b>US -Q- assurance US-Elastography/</b> <i>J.M. Mari, Lyon</i>	<b>Image Quality Theory</b> <i>P. Sharp, Aberdeen, Scotland, uk</i>	14:15 <b>L5</b> 15:00
15:05 <b>L6</b> 15:50	<b>Electronic signal treatment</b> <i>N.Guerrini, Oxford - UK</i>	<b>Radio Isotopes, Production &amp; use</b> <i>G. Beyer, HCUGE-C E</i>		<b>Therapeutic US</b> <i>J.M. Mari INSERM-Lyon-F</i>	<b>Image Quality evaluation</b> <i>P. Sharp, Aberdeen, uk</i>	15:05 <b>L6</b> 15:50
	<b>Coffee break</b>	<b>Coffee break</b>		<b>Coffee break</b>	<b>EXAM (35mn)</b>	
16:10 <b>TU</b> 15:55	<b>Tutorial &amp; PC exercises on digital Imaging</b> <i>K.F Kamm Philips-Hamburg-D</i>	<b>Upcoming Methods in Computed Tomography</b> <i>J. Geleijns, Leiden-NL</i>	<b>Radio Isotopes, Production</b>  <b>Visit to Cyclotron</b>		<b>Coffee Break</b> End of Week 1	16:10 <b>TU</b> 15:55
17:00 <b>PE</b> 18:00		<b>Image Management PACS &amp; DICOM</b> <i>D. Bandon, HCUGE - CH..</i>				17:00 <b>PE</b> 18:00
18:00 <b>PE</b> 19:00		<b>PC exercises on Patient Dose assessment in Radiography</b> <i>J. Geleijns, Leiden-NL</i>		<b>PC exercises on Patient Dose assessment in Radiography &amp; Computed Tomography</b> <i>Leiden Group</i>		18:00 <b>PE</b> 19:00