

Master Schedule - Astronomy & Physics



Universiteit Leiden

Astronomy, Leiden
Physics, Leiden
Other
Exam

Semester 1 - FALL 2016

		1: 09.00 - 09.45		2: 10.00 - 10.45		3: 11.15 - 12.00		4: 12.15 - 13.00		5: 13.45 - 14.30		6: 14.45 - 15.30		7: 15.45 - 16.30		8: 16.45 - 17.30																																																																			
		MONDAY								TUESDAY								WEDNESDAY								THURSDAY								FRIDAY																																																	
		1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8																																										
36	A	Opening Academic Year																																																																																	
Sep 5	P	QTA								TGR	SPN							CXN	TTP															IntP	TGR							AOT	cAst							GSD								Inaug	Study union	36																							
	O									AiDM																								IMS ¹																										Sep 9																							
37	A	QTA	qta	PPM-1						QUO	TGR	PhyMO					CXN	TTP															quo	OHA							TGR	ABP	SBM	STPa													Intro	Study union	37																								
Sep 12	P	IMS	ATP1	atp1						AiDM																							IMS																																		Sep 16																
38	A	QTA								QUO	TGR	ISM					CXN	TTP															quo	OHA							TGR	ABP	SBM	STPa																															38								
Sep 19	P	IMS	ATP1	atp1						AiDM																							IMS																																										Sep 23								
39	A	QTA	qta	OEU						QUO		ISM	ism				CXN	TTP															quo	OHA							SPN	ABP	SBM	STPa																																							39
Sep 26	P	IMS	ATP1	atp1						AiDM																							IMS																																																		Sep 30
40	A	Leidens ontzet																																																																																	
Oct 3	P	IMS	ATP1	atp1						QUO/spn1	TGR/spn1																						quo	TGR							ABP	SBM	STPa	stpa	/	spn1	/	TGR ^o																											40								
	O									AiDM																						IMS																																																		Oct 7	
41	A	QTA		OEU						QUO	TGR	SPN					CXN	TTP															quo	OHA							evA	ABP	SBM	STPa	spn/	BSc Graduation																													41								
Oct 10	P	IMS	ATP1							AiDM																						IMS																																																		Oct 14	
42	A	QTA	qta	OEU						QUO/spn2	TGR/spn2	ISM	C/MAS				CXN	TTP															quo	OHA							ABP	SBM	STPa	stpa	/	spn2	/	TGR ^o																											42								
Oct 17	P	IMS	ATP1	atp1						AiDM																						IMS																																																		Oct 21	
43	A	QTA		OEU						QUO	TGR	SPN					CXN	TTP															quo	OHA							ABP	SBM	STPa	spn																															43								
Oct 24	P	IMS	ATP1	evP	atp1					AiDM																						IMS																																																		Oct 28	
44	A	QTA	qta	OEU						QUO/spn3	TGR/spn3	ISM	ism				CXN	TTP															quo	OHA							SBM	ABP	STPa	stpa	TGR ^o																														44								
Oct 31	P	IMS	ATP1	atp1						AiDM																						IMS																																																		Nov 4	
45	A	QTA		OEU						QUO	TGR	SPN					TC	TTP															quo	TC							ABP	SBM	STPa	MAG int																							45																
Nov 7	P	IMS	ATP1	atp1						AiDM																						IMS																																										Nov 11									
46	A	QTA	qta	OEU						QUO	TGR	SPN					CXN	TTP															quo	TC	MAG	ABP	SBM	STPab	stpab/spn	TGR ^o																											46																
Nov 14	P	IMS	ATP1							AiDM																						IMS																																										Nov 18									
47	A	QTA		OEU						QUO	TGR	SPN					CXN	TTP															quo	TC	MAG	ABP	SBM	STPab	spn																												47																
Nov 21	P	IMS	ATP1	atp1						AiDM																						IMS																																										Nov 25									
48	A	QTab	qtab	OEU						TC/spn3	TGR/spn3	ISM	ism				CXN	TC															SBM	TC	MAG						STPa	spn4	TGR ^o																								48																
Nov 28	P	IMS	ATP1	atp1						AiDM																						IMS																																										Dec 2									
49	A	QTab		OEU						TC	TGR	ISM	ism				CXN	TC															TC	MAG							SBM	STPab	oeu	stpab	TGR																						49																
Dec 5	P	IMS	ATP1	atp1						AiDM																						IMS																																										Dec 9									
50	A	QTab	qtab	OEU																													TC	OHA	cAst						SBM	STPab	GSD																								50																
Dec 12	P	IMS	ATP1	atp1																												IMS																																										Dec 16									
51	A	QTab																																																									51																								
Dec 19	P	IMS																														IMS																																		Dec 23																	
52	A	Christmas Holidays								Christmas Holidays								Christmas Holidays								Christmas Holidays																																																									
Dec 26	P																																																																																		
1	A																																																																																		
Jan 2	P																																																																																		

Master Schedule - Astronomy & Physics

Semester 2 - SPRING 2017



Universiteit Leiden

Astronomy, Leiden
Physics, Leiden
Other
Exam

		1: 09.00 - 09.45		2: 10.00 - 10.45		3: 11.15 - 12.00		4: 12.15 - 13.00		5: 13.45 - 14.30		6: 14.45 - 15.30		7: 15.45 - 16.30		8: 16.45 - 17.30											
		MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
5	Jan 30		EFT ¹		SSE		GF	HEA	TCM		THB				hea				cAst	DTLa	RA		ra			A	5
6	Feb 6		EFT		SSE		GF	HEA	TCM		THB	retake OEU			hea		IMS		DTLa	cAst	RA		ra			A	6
7	Feb 13		EFT / ATP2	atp2 / retake QTa(b)	ASP NT/SCM ²		GF	HEA	TCM		THB	ME/SUS	NN		hea		DTLa		cAst	RA	ra		ADO	tcm		A	7
8	Feb 20		EFT / ATP2	atp2	ASP NT/SCM		GF	HEA	TCM		THB/SPC	ME/SUS	NN		hea		DTLa		cAst	RA	ra		ADO	tcm		A	8
9	Feb 27		EFT		SSE		GF	HEA	TCM		THB/SPC	ME/SUS	NN		hea		DTLa		cAst	RA	ra		ADO	tcm	Retake MAG	A	9
10	Mar 6		EFT / ATP2	atp2	ASP NT/SCM		GF	HEA	TCM		THB/SPC	ME/SUS	NN		hea		DTLa		cAst	RA	ra		ADO	tcm		A	10
11	Mar 13		EFT / ATP2	atp2	ASP NT/SCM		GF	HEA	TCM		THB/SPC	ME	Betabananmarkt		hea		DTLa		cAst	RA	ra		ADO	tcm		A	11
12	Mar 20		EFT / ATP2 ²		SSE		GF	HEA	TCM		THB/SPC	ME/SUS	NN		hea		DTLa		cAst	RA	ra		ADO	tcm		A	12
13	Mar 27		QFT/ATP2	atp2	ASP NT/SCM		GF	HEA	TCM		THB	ME/SUS	PPEU		hea		DTLa		cAst	RA	ra		ADO	tcm		A	13
14	Apr 3		QFT/ATP2		SSE		GF	HEA	SPC		evP TCM	THB	ME		hea		DTLa		cAst	RA	ra		ADO	tcm		A	14
15	Apr 10		QFT/ATP2	atp2	SSE		GF	HEA	SPC		TCM	THB			hea		DTLa		cAst	Good Friday				A	15		
16	Apr 17	Easter Monday					GF	HEA	SPC		TCM	THB			hea		DTLa+b		cAst	RA	ra		ADO	tcm		A	16
17	Apr 24		QFT/ATP2	atp2	ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		SUS / tcm			A	17
18	May 1		QFT / ATP2		ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	Liberation Day				A	18		
19	May 8		QFT/ATP2	atp2	ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	19
20	May 15		QFT/ATP2	atp2	SSE		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS	CIMAS	A	20
21	May 22		QFT/ATP2	atp2	ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	Ascension				A	21		
22	May 29		QFT/ATP2	atp2	ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	22
23	June 5	Whitsun					GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	23
24	Jun 12		QFT / ATP2		ASP NT		GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	24
25	Jun 19	Master colloquia					GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	25
26	Jun 26	Master colloquia					GF	HEA	SPC		TCM	THB	ME		hea		DTLa+b		cAst	RA	ra		ADO	SUS		A	26

1: EFT: 9.45 - 11.30 hrs
 2: MP exam: 13.30 - 16.30 hrs
 3: SUS: 13.30 - 15.15 hrs
 4: CP: 10.45 - 12.45 hrs
 5: TC retake: 10.00 - 13.00hrs/EFT: 11.15-13.00hrs
 6: EFT exam: 10.00 - 13.00hrs/ATP2 class: 11.15-13.00hrs
 7: PPEU: 13.00 - 16.00 hrs
 evA & evP: 13.00 - 13.45 hrs

Master Schedule - Astronomy & Physics

Semester 1 - FALL 2016



Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
AOT + ATI	Astronomical Observing Techniques (Obligatory for International A&I students)	Keller	500	-	HL414
ATI + AOT	Astronomical Telescopes and Instruments (+ AOT for Int.students)	Keller/Kenworthy	500	6	HL414; ps HL 411, Exam HL414
CIMAS	Career Information Meeting Astronomy	Various	-	-	HL414
eVA	Evaluation of the Astronomy courses	Linnartz	-	-	HL414, 13.00-13.45 hrs
GSD	Galaxies: structures, dynamics and evolution	Bouwens	500	6	HL414
IntA	Introduction Master Astronomy	van der Werf	-	-	HL414
ISM	Interstellar Medium	Tielens	500	6	HL414; ps HL 414; (HL207: 27 Sep, 25 Oct) Exam HL414
OEU	Origin and Evolution of the Universe	Hoekstra	500	6	HL414; Exam HL414; Retake HL414
OHA	Observational High-energy Astrophysics	Winkler	400	3	HL414; Exam HL414
Safety Instr.	Safety Instructions	Various	-	-	HL106/7
Strw.Sc.Day	Sterrewacht Science Day (obligatory)	Various	-	-	De Sitterzaal
ABP + ebp	Advanced Biophysics + (optional) Experimental Biophysics	Schmid/vNoort/Heinrich/Semrau	500	6	HL207 (HL226: 20 Oct, 3 Nov) (HL111: 13 Oct, 24 Nov)
APS	Academic and Professional Skills	Oosterkamp	400	3	HL111; (HL106; 5 Oct)
CXN	Complex Networks	Garlaschelli/DenHollander/Plaat	400	6	HL 226; ps HL106; Exam HL226; Retake SN174
evP	Evaluation of the Physics courses	Schiessel	-	-	HL204
IntP	Introduction Master Physics (Obligatory)	Papathanassiou	-	-	HL226
PhyMo	Physics Master Orientation	Papathanassiou	-	-	Havingazaal
PPM-1	Physics Master Meet-up	Papathanassiou	-	-	Snellius, B01
MAG	Magnetism	Aarts	500	3	HL106; Exam HL204. Retake HL 214
QTA	Quantum Theory a / Quantum Theory a + b	Beenakker	400	6	HL207; Exam HL214; Retake C2 Gorlaeus
QTab	Extra for Quantum Theory a + b	Beenakker	400	6 + 3	HL207; Exam HL214; Retake C2 Gorlaeus
QUO	Quantum Optics	de Dood	400	6	HL226; Exam HL 106
Safety Instr.	Safety Instructions	Various	-	-	HL106
SPN	Signal Processing and Noise	Van der Molen	300	6	HL106 (HL204: 8 Sep), qh: HL204, Exam:HL204,214;
SBM	Soft and Biomechanics	Giomi	-	-	HL204
StPa	Statistical Physics a / Statistical Physics a + b	Vitelli	400	6	HL226 (Sn 412: 28 Oct, HL207: 25 Nov); Exam HL214
StPab	Extra for Statistical Physics a + b: Statistical Field Theory	Vitelli	400	6 + 3	HL226 (HL207: 25 Nov)
TC	Theoretical Cosmology	Achúcarro	500	3	HL207; Exam HL207
TGR	Theory of General Relativity	Zaanen	400	6	HL204; TGR ^C :16-17.00.HL207 (Jan11 HL226); Exam HL226
TTP	Topics in Theoretical Physics: "Physics of Relativistic Systems"	van Holten	400	6	HL207
ATP1	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Uva, Amsterdam
MP	Mesosopic Physics (AP3261 D)	Vandersypen	-	6	TU Delft
IMS	Imaging Systems (AP3121 D)	Kalkman	-	6	TU Delft; classes: 8.45 - 10.30hrs
DBDM	Databases and Data mining	Bakker	500	6	Computer Science, Leiden
AiDM	Advances in Data Mining	Kowalczyk	500	6	Computer Science, Leiden
cAst	Colloquium Astronomy	Various	-	-	see webpage
cEh	Colloquium Ehrenfestii	Various	-	-	see webpage
cJwv	Colloquium Joan van der Waals	Various	-	-	see webpage

Semester 2 - SPRING 2017

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
CIMAS	Career Information Meeting Astronomy	Various	-	-	HL226
DTLa	Detection of Light a / Detection of Light a + b	Brandl	500	3	HL414; Exam HL414
DTLa+b	Extra for Detection of Light a + b	Brandl	500	3 + 3	HL414; Deadline report XXX
eVA	Evaluation of the Astronomy courses	Linnartz	-	-	HL414, 13.00-13.45 hrs
GF	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414; Exam HL414
HEA	High-energy Astrophysics	Kaastra	400	3	HL414; ps HL411; Exam HL414
IAC	Inter Academic College (XXX)	Various	500	6	Online Course, schedule tbd
RA	Radio Astronomy	Van Langevelde/Interna	500	6	HL414 (HL411: 17 Feb); ps HL411; Exam HL414
SSE	Stellar Structure and Evolution	Rossi	500	6	HL414 (HL204: 6 Feb); Exam HL414
ADO	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL204 (HL111: 3-24Feb; HL226:31 March); Exam HL 204
ATP2	Advanced Topics in Theoretical Physics 2	Schalm	600	6	HL214; (HL226: 22-29May) Exam HL 214 (HL226:12 Jun)
EFT	Effective Field Theory	Achúcarro	500	3	HL204; 9.45-11.30hrs (9.00hrs:6Feb; HL226:16Feb) Exam HL204
evP	Evaluation of the Physics courses	Schiessel	-	-	HL106
ME	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	HL207; Exam HL226
PPEU	Particle Physics and the Early Universe	Boyarisky	500	6	HL204; Exam HL204: 13.00-16.00hrs
QFT	Quantum Field Theory	Schalm	500	6	HL204; Exam HL204
SPC	Superconductivity	Aarts/Oosterkamp	500	3	HL414 (HL226: Apr 3-17) Exam HL 226
SUS	Surface Science	Juurling	500	6	Chemistry, Leiden
TCM	Theory of Condensed Matter	Cheianov	500	9	HL106 (lectures) HL207 (classes); Exam HL106
THB	Theoretical Biophysics	Schiessel	400	6	HL204
ASP	Advanced Solid State Physics (AP3211 D)	Blanter/Cavaglia	400	6	Delft, Schedule tbd
BN	Bayesian Networks	Lucas	500	6	Computer Science, Leiden
COP	Computational Physics	Thijssen/Akhmerov	400	6	Delft, (first week: workshop 8.45-17.45hrs)
NN	Neural Networks	Kowalczyk	500	6	Computer Science, Leiden
NT	Nanotechnology	Alkemade	400	6	Delft
SAP	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6	Faculty of Science, Leiden, HL 414
SCM	Science Methodology	Ubbink	500	4	Faculty of Science, Leiden
cAst	Colloquium Astronomy	Various	-	-	see webpage
cEh	Colloquium Ehrenfestii	Various	-	-	see webpage
cJwv	Colloquium Joan van der Waals	Various	-	-	see webpage

Astronomy	1: 09.00 - 09.45 hrs	5: 13.45 - 14.30 hrs	lectures practical sessions
Physics	2: 10.00 - 10.45 hrs	6: 14.45 - 15.30 hrs	
Other	3: 11.15 - 12.00 hrs	7: 15.45 - 16.30 hrs	
Exam	4: 12.15 - 13.00 hrs	8: 16.45 - 17.30 hrs	

version 21-06-2017



Universiteit Leiden

Master Schedule - Astronomy & Physics
Exams & Retake Exams / 2016-2017

Date	Course	Lecturer(s)	Level	EC	Location	Time	Type	Sign up
NA	Academic and Professional Skills	Oosterkamp	400	3	-	-	Assignm.	9872
10-10-16	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Amsterdam	11.00-13.00hrs	Exam	9873
NA	Advances in Data Mining	Kowalczyk	-	-	-	-	Assignm.	9922
10-11-16	Imaging Systems (AP3121 D)				TU Delft	13.30-15.30hrs	Exam	OSIRIS
14-11-16	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Amsterdam	11.00-13.00hrs	Exam	9873
02-12-16	Statistical Physics a / Statistical Physics a + b	Vitelli	400	6	HL214	10.00-13.00hrs	Exam	13982
NA	Extra for Statistical Physics a + b: Statistical Field Theory	Vitelli	400	6 + 3	-	-	-	13983
13-12-16	Quantum Optics	de Dood	400	6	HL106	14.00-17.00hrs	Exam	9858
19-12-16	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Amsterdam	11.00-13.00hrs	Exam	9873
20-12-16	Signal Processing and Noise	Van der Molen	300	6	HL204,HL214	14.00-17.00hrs	Exam	9874
20-12-16	Interstellar Medium	Tielens	500	6	HL414	14.00-17.00hrs	Exam	11740
21-12-16	Complex Networks	Garlaschelli / Den Hollander / Plaat	400	6	HL226	14.00-17.00hrs	Exam	9876
23-12-16	Astronomical Telescopes and Instruments	Keller/Kenworthy	500	6	HL414	10.00-13.00hrs	Exam	9877
23-12-16	Databases and Data mining	Bakker	-	-	Computer Science, Leiden	10.00-13.00hrs	Exam	9921
NA	Soft and Biomechanics	Giomi	-	-	HL204	-	Assignm.	10693
NA	Topics in Theoretical Physics: "Physics of Relativistic Systems"	van Holten	400	6	HL207	-	Assignm.	9878
NA	Advanced Biophysics + (optional) Experimental Biophysics	Schmidt/vNoort/Heinrich/Semrau	500	6	-	-	Assignm.	9879
04-01-17	Origin and Evolution of the Universe	Hoekstra	500	6	HL414	14.00-17.00hrs	Exam	9880
09-01-17	Quantum Theory a / Quantum Theory a + b	Beenakker	400	6	HL214	10.00-13.00hrs	Exam	13980
09-01-17	Extra for Quantum Theory a + b	Beenakker	400	6 + 3	HL214	10.00-13.00hrs	Exam	13981
12-01-17	Theoretical Cosmology	Achúcarro	500	3	HL207	10.00-13.00hrs	Exam	9881
13-01-17	Galaxies: structures, dynamics and evolution	Bouwens	500	6	HL414	10.00-13.00hrs	Exam	9882
16-01-17	Theory of General Relativity	Zaanen	400	6	HL226	10.00-13.00hrs	Exam	9883
20-01-17	Observational High-energy Astrophysics	Winkler	400	3	HL414	10.00-13.00hrs	Exam	9930
20-01-17	Magnetism	Aarts	500	3	HL204	14.00-17.00hrs	Exam	9931
25-01-17	Complex Networks	Garlaschelli / Den Hollander / Plaat	400	6	SN174	10.00-13.00hrs	Retake	9884
01-02-17	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	TU Delft	13.30-16.30hrs	Exam	OSIRIS
02-02-17	Imaging Systems (AP3121 D)				TU Delft	09.00-12.00hrs	Exam	OSIRIS
08-02-17	Origin and Evolution of the Universe	Hoekstra	500	6	HL414	09.00-12.00hrs	Retake	
13-02-17	Quantum Theory a / Quantum Theory a + b	Beenakker	400	6	C2 Gorlaeus Building	14.00-17.00hrs	Retake	
03-03-17	Magnetism	Aarts	500	3	HL214	14.00-17.00hrs	Exam	
09-03-17	Theoretical Cosmology	Achúcarro	500	3	HL211-214	10.00-13.00hrs	Exam	9885
20-03-17	Advanced Topics in Theoretical Physics 2	Schalm	600	6	HL214	11.00-13.00hrs	Exam	9886
20-03-17	Effective Field Theory	Achúcarro	500	3	HL204	10.00-13.00hrs	Assignm.	9920
NA	Science Methodology	Ubbink	500	4	-	-	Exam	9885
01-05-17	Advanced Topics in Theoretical Physics 2	Schalm	600	6	HL214	11.00-13.00hrs	Exam	OSIRIS
11-04-17	Advanced Solid State Physics (AP3211 D)	Blanter/Cavaglia	400	6	TU Delft	13.30-16.30hrs	Exam	13984
13-04-17	Detection of Light a / Detection of Light a + b	Brandl	500	3	HL414	14.00-17.00hrs	Exam	OSIRIS
20-04-17	Nanotechnology	Alkemade	400	6	TU Delft	9.00-12.00hrs	Assignm.	13985
20-04-17	Quantum Theory a + b	Beenakker	400	6 + 3	HL211/214	10.00-13.00hrs	Retake	
NA	Extra for Detection of Light a + b	Brandl	500	3 + 3	-	-	Exam	9887
02-05-17	Superconductivity	Aarts/Oosterkamp	500	3	HL226	10.00-13.00hrs	Assignm.	9888
NA	Theoretical Biophysics	Schiessel	400	6	-	-	Exam	9889
15-05-17	Stellar Structure and Evolution	Rossi	500	6	HL414	13.45-16.45hrs	Assignm.	9924
NA	Bayesian Networks	Lucas	-	-	-	-	Exam	9932
16-05-17	High-energy Astrophysics	Kaastra	400	3	HL414	14.00-17.00hrs	Exam	9890
16-05-17	Theory of Condensed Matter	Chelarov	500	9	HL106	14.00-17.00hrs	Assignm.	9891
NA	Radio Astronomy	Van Langevelde/Interna	500	6	-	-	Exam	9933
02-06-17	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL204	10.00-13.00hrs	Exam	9923
02-06-17	Neural Networks	Kowalczyk	-	-	-	14.00-17.00hrs	Exam	9912
06-06-17	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414	10.00-13.00hrs	Assignm.	9913
12-06-17	Advanced Topics in Theoretical Physics 2	Schalm	600	6	HL226	11.00-13.00hrs	Exam	9914
12-06-17	Quantum Field Theory	Schalm	500	6	HL204	10.00-13.00hrs	Exam	9915
14-06-17	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	HL226	10.00-13.00hrs	Retake	OSIRIS
16-06-17	Radio Astronomy	Van Langevelde/Interna	500	6	HL414	13.45-16.15hrs	Exam	
23-06-17	Particle Physics and the Early Universe	Boyarsky	500	6	HL204	13.00-16.00hrs	Exam	
28-06-17	Nanotechnology	Alkemade	400	6	TU Delft	9.00-12.00hrs	Exam	9919
30-06-17	Surface Science	Juurling	500	6	Chemistry ,Leiden	-	Assignm.	9916
NA	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6	-	-	-	

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