

# Master Schedule - Astronomy & Physics



Universiteit Leiden

## Semester 1 - FALL 2017

Astronomy, Leiden
Physics, Leiden
Other
Exam

		1: 09.00 - 09.45				2: 10.00 - 10.45				3: 11.00 - 11.45				4: 12.00 - 12.45				Break: 12.45 - 13.30				5: 13.30 - 14.15				6: 14.30 - 15.15				7: 15.30 - 16.15				8: 16.30 - 17.15							
		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								AOI								AOI Intro Ast								AOI cAst PFS															
Sep 4	P	IntP								TGR								CXN STPa								EFT ABP															
	O									AIDM aidm HCI								ATI at/ DLF DBDM								Strw. Sc. Day															
37	A	atp1								EFT								CXN STPa								cAst ABP								ADO							
Sep 11	P	qth/ATP1								IMS AIDM								ATI at/ DLF DBDM								cAst ABP								ADO							
	O	MSc colloquium								Phys. Sc. Day								ATI at/ DLF DBDM								Strw. Sc. Day															
38	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Sep 18	P	ATP1								IMS AIDM								ATI at/ DLF DBDM								cAst PFS								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
39	A	atp1								EFT TGR								CXN STPa								EFT ABP								ADO							
Sep 25	P	qth/ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								Relief of Leiden (Leidens Ontzet)								ATI at/ dbdm cmp								cAst ABP								CAP							
40	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Oct 2	P	ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
41	A	atp1								EFT TGR								CXN STPa								EFT ABP								ADO							
Oct 9	P	qth/ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
42	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Oct 16	P	ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
43	A	atp1								EFT TGR								CXN STPa								EFT ABP								ADO							
Oct 23	P	qth/ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
44	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Oct 30	P	ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
45	A	atp1								EFT TGR								CXN STPa								EFT ABP								ADO							
Nov 6	P	qth/ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
46	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Nov 13	P	ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
47	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Nov 20	P	QIF								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
48	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Nov 27	P	QIF								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
49	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Dec 4	P	QIF								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
50	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Dec 11	P	QIF								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
51	A	atp1								TGR								CXN STPa								EFT ABP								ADO							
Dec 18	P	ATP1								IMS AIDM								ATI at/ dbdm cmp								cAst ABP								CAP							
	O	OEU								HCI								ATI at/ dbdm cmp								cAst ABP								CAP							
52	A	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
Dec 25	P	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
	O	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
1	A	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
Jan 1	P	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
	O	Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays								Christmas And New Year Holidays							
2	A	EBP								EBP								CXN								EBP								EBP							
Jan 8	P	EBP								EBP								CXN								EBP								EBP							
	O	EBP								EBP								CXN								EBP								EBP							
3	A	TGR								TGR								CXN								TGR								TGR							
Jan 15	P	TGR								TGR								CXN								TGR								TGR							
	O	TGR								TGR								CXN								TGR								TGR							
4	A	MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium							
Jan 22	P	MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium							
	O	MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium								MSc colloquium							

cTWD: 12.15 - 13.30 hrs

1: EFT 10.00 - 13.00 hrs / FMT 11.00 - 12.45 hrs

Astronomy, Leiden
Physics, Leiden
Other
Exam

## Master Schedule - Astronomy & Physics

### Semester 2 - SPRING 2018



		1: 09.00 - 09.45		2: 10.00 - 10.45		3: 11.00 - 11.45		4: 12.00 - 12.45		Break: 12.45 - 13.30		5: 13.30 - 14.15		6: 14.30 - 15.15		7: 15.30 - 16.15		8: 16.30 - 17.15		9: 17.30 - 18.15											
		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	1	2	3	4		
5	Jan 29				LSSGF			SPF				COA				SPF				GSD	cAst							DTLa		5	Feb 2
6	Feb 5			ATP2				gsd	SPF			TCM	COA			ISM				quo	MMM/QFT							DTLa	tcm	6	Feb 9
7	Feb 12				LSSGF			atp2	QFT/SMO			TCM	THB/QUO			ISM				quo	SPF							DTLa	tcm	7	Feb 16
8	Feb 19			ATP2				ASP	NT/SCM			SPF	COA			ISM	RL/ASP			quo	MMM/QFT							DTLa	PhyAst <sup>1</sup> Mastersday	8	Feb 23
9	Feb 26				LSSGF			atp2	QFT/SMO			TCM	THB/QUO			ISM				quo	SPF							DTLa	tcm	9	Mar 2
10	Mar 5			ATP2				ASP	NT/SCM			COA				ISM	ism			quo	SPF							DTLa	tcm	10	Mar 9
11	Mar 12				LSSGF			atp2	QFT/SMO			TCM	THB/QUO			ISM				quo	MMM/QFT							DTLa	tcm	11	Mar 16
12	Mar 19			ATP2				ASP	NT/SCM			COA				ISM	RL/ASP			quo	SPF							DTLa	tcm	12	Mar 23
13	Mar 26				LSSGF			atp2	QFT/SMO			TCM	THB/QUO			ISM				quo	MMM/QFT							DTLa	tcm	13	Mar 30
14	Apr 2	Easter Monday						gsd	SPF			COA				ISM	ism			quo	MMM/QFT							DTLa	tcm	14	Apr 6
15	Apr 9			ATP2				ASP	NT/SCM			TCM	THB/QUO			ISM				quo	MMM/QFT							DTLa	tcm	15	Apr 13
16	Apr 16				LSSGF			atp2	QFT/SMO			COA				ISM	RL/ASP			quo	MMM/QFT							DTLa	tcm	16	Apr 20
17	Apr 23			ATP2				ASP	NT			TCM	THB			ISM	ism			quo	MMM/QFT							DTLa	tcm	17	Apr 27
18	Apr 30				LSSGF			atp2	QFT			COA				ISM				quo	MMM/QFT							DTLa	tcm	18	May 4
19	May 7			ATP2				ASP	NT			TCM	THB			ISM	ism			quo	MMM/QFT							DTLa	tcm	19	May 11
20	May 14				LSSGF			atp2	QFT			COA				ISM				quo	MMM/QFT							DTLa	tcm	20	May 18
21	May 21	Whitsun						gsd				TCM	THB			ISM				quo	MMM/QFT							DTLa	tcm	21	May 25
22	May 28			ASC	ASC			ATP2				COA				ISM				quo	MMM/QFT							DTLa	tcm	22	Jun 1
23	June 4				LSSGF			ASP	NT			TCM	THB			ISM	RL <sup>2</sup>			quo	MMM/QFT							DTLa	tcm	23	Jun 8
24	Jun 11				LSSGF			ASP	NT			TCM	THB			ISM				quo	MMM/QFT							DTLa	tcm	24	Jun 15
25	Jun 18				LSSGF			ASP	NT			TCM	THB			ISM				quo	MMM/QFT							DTLa	tcm	25	Jun 22
26	Jun 25				LSSGF			ASP	NT			TCM	THB			ISM				quo	MMM/QFT							DTLa	tcm	26	Jun 29
27	Jul 2				LSSGF			ASP	NT			TCM	THB			ISM				quo	MMM/QFT							DTLa	tcm	27	Jul 29

1: QFT 9.00-10.45hrs / SMO 10.00-11.45hrs      2: NT 13.45-15.30hrs / RL 14.00-17.00hrs / SAP,ASP 15.45 - 17.30hrs      5: as of March 27: SMO 10.00-11.45hrs / QFT 11.00-12.45hrs      version 16-05-2018

**Semester 1 - FALL 2017**

Abbreviation	Course name <a href="#">click for course description</a>	Lecturer(s)	Level	EC	Location
AOT	Astronomical Observing Techniques (Obligatory for International A&I students)	Keller	500	-	HL414
ATI	Astronomical Telescopes and Instruments (+ AOT for Int.students)	Keller/Kenworthy	500	6	HL414; ps HL 411, Exam HL414
CAP	Computational Astrophysics	Portegies Zwart	400	6	HL411; Exam HL411
DBDM	Data Bases and Data Mining in Astronomy	Brinchmann	500	3	HL414; ps HL411
OEU	Origin and Evolution of the Universe	Bouwens	500	6	HL414, Exam HL414
AFS	Astronomy from Space	Fridlund	400	3	HL414, Exam HL414
PFS	Project management For Scientists	Keller	400	3	HL414
HCI	High Contrast Imaging	Kenworthy	400	3	HL414 and HL411; Exam HL414 and HL411
evA	<i>Evaluation of the Astronomy courses</i>	Linnartz	-	-	HL414
Intro Ast	<i>Introduction Master Astronomy (obligatory)</i>	van der Werf	-	-	HL414
CIMAS	<i>Career Information Meeting Astronomy</i>	Various	-	-	HL414
Safety Instr.	<i>Safety Instructions (obligatory)</i>	Various	-	-	HL106
SCC	<i>Scientific Communication</i>	Hodge	-	-	HL111
Srnr. Sc. Day	<i>Sterrewacht Science Day (obligatory)</i>	Various	-	-	DeSitterzaal
ABP	Advanced Biophysics	Schmidt/Noort/Heinrich/Semrau	500	6	HL207
ADO	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL111; Exam HL214
ATP1	Advanced Topics in Theoretical Physics 1	Schalm	600	6	M1 Utrecht/M2 Leiden HL226, Exam SN312/M3 Amsterdam, see webpage
CMP	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL207; ps HL226; Exam HL214
CXN	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL214 (15-11, 22-11;SNB02); ps HL214 (2-11&12-12 HL106), Exam/Retake HL106
EFT	Effective Field Theory	Achúcarro	500	3	HL226; ps HL226; Exam HL204
EBP	Experimental Biophysics (optional, as part of ABP)	Schmidt/Noort/Heinrich/Semrau	500	6	HL207
FMT	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL226; Exam HL106
MRP	Magnetic Resonance Physics	Huber	500	3	HL226
OSM	Origin and Structure of the Standard Model	Boyarsky	400	3	HL226; ps HL211; Exam HL226
QIF	Quantum Information	Beenakker	400	3	HL204; ps HL204, Exam HL 214
QTH	Quantum Theory	Beenakker	400	6	HL204; ps HL204; Exam HL214
SBT	Soft & Biomatter Theory	Van Saarloos	500	6	HL207; ps: HL226; Exam HL214
SIPa	Statistical Physics a	Giomi	400	6	HL207; ps HL226; Exam HL207
SIPb	Statistical Physics b: Statistical Field Theory	Giomi	400	3	HL207; ps HL226
TGR	Theory of General Relativity	Zaanen	400	6	HL226; Q: HL207; Exam HL106
Imp	<i>Introduction Master Physics (Obligatory)</i>	Papathanassiou	-	-	HL207
evP	<i>Evaluation of the Physics courses</i>	Schiessel	-	-	HL204
Phys. Sc. Day	<i>Physics Science Day</i>	Various	-	-	tbd
PM1-1	<i>Physics Master Meet-up (Obligatory first year students)</i>	Various	-	-	HL226
Safety Instr.	<i>Safety Instructions (obligatory)</i>	Various	-	-	HL106
MP	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	Delft, TN-CZ, E F005, see also mytimetable-coursenumber
IMS	Imaging Systems (AP3121 D)	Kalkman	-	6	Delft, TN-CZ, F206, see also mytimetable-coursenumber
DDCS	Databases and Data mining (Computer Science)	Bakker	500	6	SNB02 (7-11&5-12; SNB03)
AIDM	Advances in Data Mining	Kowalczyk	500	6	SNB03

**Semester 2 - SPRING 2018**

Abbreviation	Course name <a href="#">click for course description</a>	Lecturer(s)	Level	EC	Location
ASC	Astrochemistry	Van Dishoeck	500	3	HL414
COA	Compact Objects and Accretion	Rossi	400	3	HL414; Exam HL414
DLC	Deep Learning Course	Portegies Zwart	400	3	HL411
DTLa	Detection of Light a	Brandl	500	3	HL414; Exam HL414
DTLa+b	Detection of Light a + b (extra)	Brandl	500	3 + 3	HL414
GSD	Galaxies: structures, dynamics and evolution	Franx	500	6	HL414; <i>psHL414 (1-5, 15-5, 22-5, HL204)</i> ; Exam HL414
ISM	Interstellar Medium	Tielens	500	6	HL414; Exam HL414
LSSGF	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414; Exam HL414
SPF	Star and Planet Formation	Van Dishoeck	500	6	HL414
CIMAS	<i>Career Information Meeting Astronomy</i>	Various	-	-	HL414
evA	<i>Evaluation of the Astronomy courses</i>	Linnartz	-	-	HL414
APS	Academic and Professional Skills	Oosterkamp	400	3	HL204
ATP2	Advanced Topics in Theoretical Physics 2	Schalm	600	6	M1 A'dam/M2 Leiden HL226 (12-3;HL211)/M3 Utrecht, see webpage
BHGW	Black Holes and Gravitational Waves	Van Holten	500	3	HL207; Exam HL106
COP	Computational Physics	Wimmer/Schiessel	400	6	HL411 (18-5, HL414)
MMM	Mechanical Metamaterials	Van Hecke	400	6	HL226 (18-5;HL204; 14.00-16.00hrs), Exam HL106
PPEU	Particle Physics and the Early Universe	Boyarsky	500	3	HL207, Exam HL106
QFT	Quantum Field Theory	Achúcarro	500	6	Tue HL414 ; Thu HL207, Exam HL106
QUO	Quantum Optics	de Dood	400	6	SN174, ps HL226; Exam HL226
SMO	Single Molecule Optics	Orrit	500	6	HL226, 10.00-11.45hrs
TCM	Theory of Condensed Matter	Cheianov	500	6	HL226; ps HL207; Exam HL214
THB	Theoretical Biophysics	Schiessel	400	6	HL204
TTP	Topics in Theoretical Physics: Advanced Topics in Modern Cosmology (beyond LCDM)	Silvestri	400	6	HL207
evP	<i>Evaluation of the Physics courses</i>	Schiessel	-	-	HL207
ASP	Advanced Solid State Physics (AP3211 D)	Bianter/Caviglia	400	6	Delft, TN-CZ, E F005, see also mytimetable-coursenumber
EELS	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	Delft, TN-CZ, F F105, see also mytimetable-coursenumber
OOL	The origin of Life (AP3461)	Danelon	400	6	Delft, TN-CZ, F206, see also mytimetable-coursenumber
RL	Reinforcement Learning	Yang	500	6	SN407-409; Exam HL211; Retake SNB01
ME	Molecular Electronics	vd ZanI/vdMolen/vRuitenbeek	500	6	Delft, TN-CZ, F206, see also mytimetable-coursenumber
NN	Neural Networks	Kowalczyk	500	6	tbd
NT	Nanotechnology	Alkemade	400	6	Delft, TN-CZ, F F005 and F105, see also mytimetable-coursenumber
SAP	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6	Gorl EM109 (9-5,23-5;Gorl 06)
SCM	Science Methodology	Ubbink	500	4	Gorl Havinga; ps: Snellius Room 402/403/408

**semester 1 & 2**

Abbreviation	Course name <a href="#">click for course description</a>	Lecturer(s)	Level	EC	Location
cAst	Colloquium Astronomy	Various			see webpage
cDLF	Colloquium De Leidsche Flesch	Various			see webpage
cEh	Colloquium Ehrenfestii	Various			see webpage
cJw	Colloquium Joan van der Waals	Various			see webpage
cTWD	Colloquium This weeks discoveries	Various			see webpage
Msc Colloquium	Colloquium Master Astronomy	Hodge			HL414

lectures	1: 09.00 - 09.45 hrs 3: 11.00 - 11.45 hrs	5: 13.30 - 14.15 hrs 7: 15.30 - 16.15 hrs	Astronomy	Other	
practical sessions	2: 10.00 - 10.45 hrs 4: 12.00 - 12.45 hrs	6: 14.30 - 15.15 hrs 8: 16.30 - 17.15 hrs	Physics	Exam	version: 16-05-2018

## Master Schedule - Astronomy & Physics



### Exams & Retakes 2017-2018

Date	Course	Lecturer(s)	Level	EC	Location	Time	Type	USISCode	Sign up
09/10/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Utrecht	11:00-12:45	Exam	4403ATI17	13070
31/10/2017	Advances in Data Mining	Kowalczyk	500	6	tbd	10:00-13:00	Exam	4343ADVDM	14721
13/11/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Leiden SN312	11:00-12:45	Exam	4403ATI17	13070
16/11/2017	Effective Field Theory	Achúcarro	500	3	HL204	10:00-13:00	Exam	4403EFTH3	8624
29/11/2017	Statistical Physics a	Giomi	400	6	HL207	10:00-13:00	Exam	4403STPHA	8636
	tbd	Beenakker	400	3			Assignment	4403QINF3	8676
05/12/2017	High Contrast Imaging	Kenworthy	400	3	HL414 and HL411	14:00-17:00	Exam	4303HCIO3	14718
08/12/2017	Computational Astrophysics	Portegies Zwart	400	6	HL411	14:00-17:00	Exam	4303COAS6	14715
08/12/2017	Soft & Biomatter Theory	Van Saarloos	500	6	HL214	14:00-17:00	Exam	4403SBMT6	8677
14/12/2017	Astronomy from Space	Fridlund	400	3	HL414	10:00-13:00	Exam	4303SFS3	14717
15/12/2017	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL214	14:00-17:00	Exam	4403ADVOP	8643
18/12/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Amsterdam	11:00-12:45	Exam	4403ATI17	13070
19/12/2017	Astronomical Telescopes and Instruments	Keller/Kenworthy	500	6	HL414	14:00-17:00	Exam	4303AIAT6	14714
20/12/2017	Origin and Structure of the Standard Model	Boyersky	400	3	HL226	14:00-17:00	Exam	4403OSSM3	13735
21/12/2017	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL106	10:00-13:00	Exam	4403FRMT3	8647
22/12/2017	Origin and Evolution of the Universe	Bouwens	500	6	HL414	14:00-17:00	Exam	4303OEUNI	14716
22/12/2017	Databases and Data mining (Computer Science)	Bakker	500	6	tbd	10:00-13:00	Exam	4343DTBDM	12967
05/01/2018	Quantum Theory	Beenakker	400	6	HL214	14:00-17:00	Exam	4403QUTH6	12086
12/01/2018	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL106	10:00-13:00	Exam	4609COMNW	14285
15/01/2018	Theory of General Relativity	Zaenen	400	6	HL106	14:00-17:00	Exam	4403TGR64	13811
19/01/2018	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL214	10:00-13:00	Exam	4403COPH6	13816
31/01/2018	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL106	14:00-17:00	Retake	4609COMNW	14536
31/01/2018	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	Delft	13:30-16:30	Exam	460313261	14719
01/02/2018	Imaging Systems (AP3121 D)	Kalkman	-	6	Delft	13:30-16:30	Exam	4603A3221	14720
N/A	Data Bases and Data Mining in Astronomy	Brinchmann	500	3			Assignment	4303DBDMA	13731
N/A	Project management For Scientists	Keller	400	3	HL414		Assignment	4303PRMS3	13732
N/A	Advanced Biophysics	Schmidl/vNoort/Heinrich/Semrau	500	6			Assignment	4403ADBP4	13733
N/A	Magnetic Resonance Physics	Huber	600	3			Assignment	4403MRPH3	13734
N/A	Statistical Physics b: Statistical Field Theory	Giomi	400	3			Assignment	4403STPHB	13736
05/03/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Amsterdam	11:00-12:45	Exam	4403AT217	13073
19/03/2018	Quantum Theory	Beenakker	400	6	HL207	14:00-17:00	Retake	4403QUTH6	20731
13/04/2018	Detection of Light a	Brandl	500	3	HL414	14:00-17:00	Exam	4303DETLA	17129
16/04/2018	Advanced Solid State Physics (AP3211 D)	Bianter/Caviglia	400	6	Delft	9:00-12:00	Exam	440313211	17133
16/04/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Leiden HL226	11:00-12:45	Exam	4403AT217	13073
17/04/2018	Compact Objects and Accretion	Rossi	400	3	HL414	14:00-17:00	Exam	4303COACC	17128
19/04/2018	Nanotechnology	Alkemade	400	6	Delft	9:00-12:00	Exam	4403INTEC	17136
24/05/2018	Interstellar Medium	Tielens	500	6	HL414	10:00-13:00	Exam	4303INTST	17132
25/05/2018	Quantum Optics	de Dood	400	6	HL226	14:00-17:00	Exam	4403QOPT6	12184
25/05/2018	Deep Learning	Portegies Zwart	400	3	HL411	tbd	Assignment	4303DPLRN	20723
28/05/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Utrecht	11:00-12:45	Exam	4403AT217	13073
29/05/2018	Quantum Field Theory	Achúcarro	500	6	HL106	10:00-13:00	Exam	4403QFTH6	12122
30/05/2018	Reinforcement Learning	Yang	500	6	HL211	14:00-17:00	Exam	4343REINL	20334
01/06/2018	Neural Networks	Kowalczyk	500	6	tbd	14:00-17:00	Exam	4343NEUNW	12969
08/06/2018	Black Holes and Gravitational Waves	Van Holten	500	3	HL106	10:00-13:00	Exam	4403BHGW3	12837
12/06/2018	Theory of Condensed Matter	Cheianov	500	6	HL214	14:00-17:00	Exam	4403CONDE	12121
14/06/2018	Galaxies: structures, dynamics and evolution	Fraxk	500	6	HL414	14:00-17:00	Exam	4303SSDE5	17131
18/06/2018	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414	14:00-17:00	Exam	4303SSG6	15602
21/06/2018	Mechanical Metamaterials	Van Hecke	400	6	HL106	10:00-13:00	Exam	4403NOMM6	20493
25/06/2018	Particle Physics and the Early Universe	Boyersky	500	3	HL106	14:00-17:00	Exam	4403PPHEU	12123
25/06/2018	Nanotechnology	Alkemade	400	6	Delft	9:00-12:00	Retake	4403INTEC	17136
27/06/2018	Molecular Electronics	vd Zan/vdMolen/vRuitenbeek	500	6	Delft	9:00-12:00	Exam	4403MOLE6	15621
27/06/2018	Reinforcement Learning	Yang	500	6	SNB01	14:00-17:00	Retake	4343REINL	20335
29/06/2018	The origin of Life (AP3461)	Danelon	400	6	Delft	13.30-16.30	Exam	460313461	17135
02/07/2018	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	Delft	9:00-12:00	Exam	440313691	17134
N/A	Science Methodology	Ubbink	500	4			Assignment	4603SCMTH	15594
N/A	Astrochemistry	Van Dishoeck	500	3			Assignment	4303ASCHE	13737
N/A	Detection of Light a	Brandl	500	3			Assignment	4303DETLA	17129
N/A	Detection of Light b	Brandl	500	3			Assignment	4303DETLB	17130
N/A	Star and Planet Formation	Van Dishoeck	500	6			Assignment	4303STPLF	13738
N/A	Academic and Professional Skills	Oosterkamp	400	3			Assignment	4403ACPRS	13739
N/A	Computational Physics (3ECTS)	Wimmer/Schiessel	400	3			Assignment	4403CMPH3	21464
N/A	Computational Physics (6ECTS)	Wimmer/Schiessel	400	6			Assignment	4403CMPH6	13740
N/A	Single Molecule Optics	Orrit	500	6			Assignment	4403SIMOP	13741
N/A	Theoretical Biophysics	Schiessel	400	6			Assignment	4403THBPH	13743
N/A	Topics in Theoretical Physics: Advanced Topics in Modern Cosmology (beyond LCDM)	Silvestri	400	6			Assignment	4403TTP17	13744
N/A	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6			Assignment	4603SPCH6	13746

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