

Schedule

Mondays	13.15–15.00 zoom
Thursdays	08.00–09.45 zoom
	10.00–11.45 zoom
Fridays	15.15–17.00 zoom

Note deviations from this schedule:

Virtual visit to Onsala Space Observatory on Monday 23 Nov. See separate information.

Preliminary: Extra class 9–12 on Friday 8 January: Review, old exam problems, etc.

(Chapters in "Astrophysics for physicists" by Arnab Rai Choudhuri.)

Mon 2 Nov,	13–15	<i>Lecture (Magnus)</i>	Introduction (chapt. 1) (+ an overview of the universe)
Thu 5 Nov,	08–10	<i>Lecture (Susanne)</i>	Exoplanets
	10–12	<i>Exercise (Mamiko)</i>	Introduction (magnitudes etc.), Exoplanets
Fri 6 Nov,	15–17	<i>Lecture (Magnus)</i>	Interaction of radiation with matter (chapt. 2)
Mon 9 Nov,	13–15	<i>Lecture (Magnus)</i>	Interaction of radiation with matter (chapt. 2)
Thu 12 Nov,	08–10	<i>Lecture (Susanne)</i>	Stellar astrophysics I (chapt. 3)
	10–12	<i>Exercise (Mamiko)</i>	Radiation, Stellar astrophysics
Fri 13 Nov,	15–17	<i>Lecture (Susanne)</i>	Stellar astrophysics I (chapt. 3)
Mon 16 Nov,	13–15	<i>Lecture (Magnus)</i>	Stellar astrophysics II (chapt. 4)
Thu 19 Nov,	08–10	<i>Lecture (Susanne)</i>	Our Galaxy and its interstellar matter (chapt. 6)
	10–12	<i>Exercise (Mamiko)</i>	Stellar astrophysics, Our Galaxy, ISM
Fri 20 Nov,	15–17	<i>Lecture (Susanne)</i>	Our Galaxy and its interstellar matter (chapt. 6)

Mon 23 Nov, 13–17 *Virtual visit to Onsala Space Observatory* (see separate information)

Thu 26 Nov, 08–10 *Lecture (Magnus)* End states of stellar collapse (chapt. 5)
10–12 *Exercise (Mamiko)* Our Galaxy, ISM, End states of stellar collapse

Fri 27 Nov, 15–17 *Lecture (Magnus)* The solar system

Mon 30 Nov, 13–15 *Lecture (Magnus)* The solar system

Thu 3 Dec, 08–10 *Lecture (Susanne)* Extragalactic astronomy (chapt. 9)
10–12 *Exercise (Mamiko)* The solar system, Extragalactic astronomy

Fri 4 Dec, 15–17 *Lecture (Susanne)* Extragalactic astronomy (chapt. 9)

Mon 7 Dec, 13–15 *Lecture (Magnus)* The spacetime dynamics of the Universe (chapt. 10)

Thu 10 Dec, 08–10 *Lecture (Magnus)* The spacetime dynamics of the Universe (chapt. 10)
10–12 *Exercise (Mamiko)* Extragalactic astronomy, Spacetime

Fri 11 Dec, 15–17 *Lecture (Susanne)* The thermal history of the Universe (chapt. 11)
16.00 ***Deadline for the SALSA report***

Mon 14 Dec, 13–15 *Lecture (Susanne)* The thermal history of the Universe (chapt. 11)

Thu 17 Dec, 08–10 *Lecture (Magnus)* Relativistic cosmology (chapt. 14)
10–12 *Exercise (Mamiko)* History of the Universe

Preliminary:

Fri 8 Jan, 9–12 *Lecture + exercise (Susanne, Magnus, Mamiko)*
Review, old exam problems