Presentation assigned topics, reviewers, and schedule

This is the planned schedule, with dates, topics and referees.

Because of the high popularity of some proposed topics and very uneven distribution of preferences it was *impossible* to accommodate everyone.

Dates are chosen to group topics by theme, and avoid having to both present and referee the same day. If you know you cannot present on the assigned day (or if you know you cannot referee in the week preceding the date of the presentation on the topic you have been assigned), please *let me know as soon as possible.*

Adjustments to the schedule are still possible in the coming week, but will not be possible afterwards. Barring very exceptional circumstances, not presenting on the scheduled day and not providing feedback on the deadlines will not be excused.

N.B.: Having exams of other classes will not count as exceptional circumstance, I am making the schedule available as early as possible so you can organize yourself

In the list below, you should find your name 3 times: once as presenter and twice as referee.

Reminders

- the aim is for you to review, summarize, and explain to your peers some topic we cannot cover: you want to teach the others what you learned!
- it is **strongly** advised to check your sources and plan with TA and me before starting to write your written document.
- **written summary due one week (7 days) before the oral presentation** is scheduled
- referees (+myself and TA) to provide feedback within 3 working days after the reception of the written summary
- no revision of the written summary is required, but you can incorporate the feedback in your oral presentation
- oral presentations on the day scheduled should be 10 minutes-long (+ 5 minutes of Q&A). The class will be grading the presentation.

<2024-11-12 Tue> - Four student presentations

N.B.: to give everyone the same work load, the first teo presenters will get 3 referees instead of 2. This is suppose to help the presenters, the feedback is ti help to sharpen the oral presentation and compensate slightly for the disadvantage of being first.

Formation of stars - Presenter: Gilles, Matthew Scott

- reviewers: Miller, Colin Benjamin; Soto Robles, Paulina; Lagnado, Matan Jacob

Orbital architectures - Presenter: Joyce, Thomas Alexander

- reviewers: Klint, Kris; Doty, Ava Kaitlin; Larson, Coco Renee

***Clusters: globular vs. open* - Presenter: Olin, Isabella Juliette**

- reviewers: Dey, Swapnaneel; Garg, Animesh

***Stars in AGNs* - Presenter: Phan, Ben A**

- reviewers: Miller, Colin Benjamin; Tucker, Vincent Riley Mason

<2024-11-14 Thu> - Four student presentations

***Cluster dynamics* - Presenter: Doty, Ava Kaitlin**

- reviewers: Quirk, Colton James Ramler; Smith, Savannah R

***Astrometry* - Presenter: Mack, Laura Johanna**

- reviewers: Lagnado, Matan Jacob; Bressani, Alessandro Rafael

***Gaia BHs* - Presenter: Gurney, Jessica Lynn**

- reviewers: Kowalski, Laine Katherine; Olin, Isabella Juliette

***Polluted WDs* - Presenter: Larson, Linae**

- reviewers: Klingele, Justin Ross; Fowler, Chip Jewel

<2024-11-19 Tue> - Four student presentations

***Mass transfer* - Presenter: Singelstad, Ole Ole**

- reviewers: Phan, Ben A; Kress,Virginia Veronica

***Algol paradox* - Presenter: Cardona, Alondra**

- reviewers: Butler, Ella J; Srivastava, Shambhavi

***Common envelope* - Presenter: Andras-Letanovszky, Hanga**

- reviewers: Harnist, Zach P; Klingele, Justin Ross

***Tides* - Presenter: Garg, Animesh**

- reviewers: Figureido, Ethan Henry; Larson, Linae

<2024-11-21 Thu> - Four student presentations

***Novae* - Presenter: Klingele, Justin Ross**

- reviewers: Phan, Ben A; Tucker, Vincent Riley Mason

***Thermonuclear explosions in WDs* - Presenter: Antonic, Aleksandar**

- reviewers: Cardona, Alondra; Larson, Coco Renee

***PISN* - Presenter: Bernshteyn, Vadim Yuryevich**

- reviewers: Singelstad, Ole Ole; Smith, Savannah

***Convective boundary mixing* - Presenter: Fowler, Chip Jewel**

- reviewers: Figureido, Ethan Henry; Harnist, Zach P

<2024-11-26 Tue> - Four student presentations

***Parker model of the solar wind* - Presenter: Lagnado, Matan Jacob**

- reviewers: Jesina, Ellen Lee; Gilles, Matthew Scott

***Radiatively driven stellar winds* - Presenter: Bressani, Alessandro Rafael**

- reviewers: Mack, Laura; Dey, Swapnaneel

***Neutron star structure* - Presenter: Smith, Savannah R**

- reviewers: Wang, Eason; Doty, Ava Kaitlin

***X-ray binaries* - Presenter: Srivastava, Shambhavi**

- reviewers:Andras-Letanovszky, Hanga; Gurney Jessica Lynn

<2024-12-03 Tue> - Four student presentations

***Chemical evolution* - Presenter: Dey, Swapnaneel**

- reviewers: Jesina, Ellen Lee; Singelstad, Ole Ole

***s- and /r-process* - Presenter: Jesina, Ellen Lee**

- reviewers: Andras-Letanovszky Hanga; Wang, Eason

***Triples: Kozai-Lidov-von Zeipel oscillations* - Presenter: Quirk, Colton James Ramler**

- reviewers: Bernshteyn, Vadim; Srivastava, Shambhavi

***M dwarfs & Brown dwarfs* - Presenter: Soto Robles, Paulina**

- reviewers: Klindt, Kris; Fowler, Chip Jewel

<2024-12-05 Thu> - Four student presentations

***Stellar rotation: observational evidence* - Presenter: Larson, Coco Renee**

- reviewers: Klindt, Kris; Kowalski, Laine Katherine

***Stellar rotation: angular momentum transport/* - Presenter: Figureido, Ethan Henry**

- reviewers: Larson, Linae; Cardona, Alondra

***Supermassive stars* - Presenter: Butler, Ella J**

- reviewers: Gilles Matthew Scott; Kress, Virginia

***Schonberg-Chandrasekhar limit* - Presenter: Klindt, Kris**

- reviewers: Soto Robles, Paulina; Olin, Isabella Juliette

<2024-12-10 Tue> - Four student presentations

Extra time can be used as backup.

***Dark stars* - Presenter: Kress, Virginia Veronica**

- reviewers: Antonic, Aleksandar; Bressani, Alessandro Rafael

***Stellar neutrinos* - Presenter: Wang, Eason**

- reviewers: Bernshteyn, Vadim; Joyce, Thomas

***GW progenitors: isolated binaries* - Presenter: Harnist, Zach P**

- reviewers: Antonic, Aleksandar; Gurney, Jessica Lynn

GW progenitors: dynamical channels - Presenter: Miller, Colin Benjamin

- reviewers: ; Mack, Laura Johanna

<2024-12-12 Thu> - Two student presentation

Extra time can be used as backup.

***Asteroseismology* - Presenter: Kowalski, Laine Katherine**

- reviewers: Joyce, Thomas; Butler, Ella

***Cepheids* - Presenter: Tucker, Vincent Riley Mason**

- reviewers: Garg Animesh; Quirk, Colton

Exam week

No presentation planned, extra time can be used as backup