

# AST5240/9240 schedule

Week of: August 22

Schedule subject to changes.

|               | Aug 22<br>MONDAY                           | Aug 23<br>TUESDAY                  | Aug 24<br>WEDNESDAY               | Aug 25<br>THURSDAY    | Aug 26<br>FRIDAY        | Aug 27<br>SAT | Aug 28<br>SUN | Aug 29<br>MONDAY             | Aug 30<br>TUESDAY       | Aug 31<br>WEDNESDAY | Sep 1<br>THURSDAY                                    | Sep 2<br>FRIDAY                  |
|---------------|--|------------------------------------|-----------------------------------|-----------------------|-------------------------|---------------|---------------|------------------------------|-------------------------|---------------------|--|----------------------------------|
| 10:15 - 11:00 | Course overview (Wehus)                    | Synchrotron emission (Harper)      | AME + Free-Free (Harper)          | Thermal dust (Herman) | Work                    |               |               | Extending Commander (Watts)  | Correlated noise (Ihle) | Gain (Gjerflaw)     | Simulations (Fazlu, Gabriel, Lukas, Nils)            | Presentation of student projects |
| 11:15 - 12:00 | The Microwave Sky (Herman)                 | Intensity mapping + HI (Fornazier) | WMAP (Watts)                      | Zodiacal light (San)  | Work                    |               |               | Extending Commander (Herman) | Mapmaking (Ihle)        | BINGO (Fornazier)   | LiEBIRD/SD/CMB-S4/future (Mathew, Simran, Valentina) | Presentation of student projects |
| 12:00 - 12:30 | Lunch                                      | Lunch                              | Lunch                             | Lunch                 | Lunch                   |               |               | Lunch                        | Lunch                   | Lunch               | Lunch  | Presentation of student projects |
| 12:30 - 13:15 | Cosmoglobe (Wehus)                         | The Planck instrument (Eriksen)    | Joint WMAP + LFI analysis (Watts) | COMAP GPS (Harper)    | C-BASS/QUIJOTE (Harper) |               |               | Work                         | PASIPHAE (Basyrov)      | DIRBE (Herman)      | Work/Free  | Lunch/Party                      |
| 13:30 - 14:15 | Bayesian CMB analysis (Eriksen)            | Bayesian CMB analysis (Eriksen)    | Python workbook (Herman)          | Work                  | Work                    |               |               | Work                         | Monopole notebook (Lee) | Work                | Work/Free  | Lunch/Party                      |
| 14:30 - 15:15 | 2022 project: The synchrotron SED (Herman) | Commander3 parameter file (Watts)  | Work                              | Work                  | Work                    |               |               | Work                         | Work                    | Work                | Work/Free  | Lunch/Party                      |
| 15:30 - 16:15 | Installing Commander3 (Brikenkov)          | Installing Commander3 (Brikenkov)  | Work                              | Work                  | Work                    |               |               | Work                         | Work                    | Work                | Work/Free  | Course evaluation                |

Dinner 17:30

Don't have access to classroom after noon

## NOTES

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## TO DO

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