|                            | Monday  | Tuesday  | Wednesday   | Thursday   | Friday   |
|----------------------------|---|--|---|--|--|
| 9:00-10:30                 | 9:10-9:15 Local introduction - Fabio Convenga<br>9:15-9:40: Sherry Suyu (review)  | 9:00-9:25: Anowar Shajib (review)<br>9:25-9:45: James Nightingale (invited)<br>9:45-10:05: Russell Smith (invited)   | 9:00-9:25: Tommaso Treu (review)<br>9:25-9:45: Francesca Rizzo (invited)<br>9:45-10:05: Brian Welch (invited)   | 9:50-10:05: Karl Glazebrook  | Discussion Galaxies (Alessandro Sonnenfeld & Simon Birrer)   |
|                            | 9:40-10:00: Tom Collett (invited)<br>10:00-10:15: Shawn Knabel<br>10:15-10:25 Spotlight talks 1   | 10:05-10:20: Javier Alejandro Aceveda Barroso<br>10:20-10:30 Spotlight talks 2   | 10:05-10:20: Uros Mestric<br>10:20-10:30 Spotlight talks 3  | 10:05-10:20: Tania Barone<br>10:20-10:30 Spotlight talks 4   | Sillon biller)   |
| 10:30-11:00                | Coffee break ®  | Coffee break ®   | Coffee break ®  | Coffee break ®   | Coffee break ®   |
| 11:00-12:30<br>12:30-14:30 | 11:00-11:20: Ana Acebron (invited) 11:20-11:35: Andrea Bolamperti 11:35-11:50: Nikki Arendse 11:50-12:05: Justin Pierel 12:05-12:20: Lyne Van de Vyvere 12:20-12:35: Matthew Gomer Lunch  14:30-14:55: Massimo Meneghetti (review) 14:55-15:15: Anna Nierenberg (invited) | 11:00-11:30: Piero Rosati (review) 11:30-11:50: Gabriel Caminha (invited) 11:50-12:05: Hakon Dahle 12:05-12:20: Pietro Bergamini 12:20-12:35: Davide Abriola  Lunch 14:30-14:45: Giovanni Granata 14:45-15:00: Giuseppe Angora | 11:00-11:15: Ashish Kumar Meena 11:15-11:30: Aristeidis Amvrosiadis 11:30-11:45: Patrick Kamieneski 11:45-12:00: Q. Daniel Wang 12:00-12:15: Edoardo Borsato 12:15-12:30: Irham Taufik Andika Lunch 14:30-14:50: Masamune Oguri (invited) 14:50-15:05: Stefan Schuldt | 11:00-11:15: Martin Millon  11:15-11:30: Henry Best  11:30-11:45: Dominique Stuse  11:45-12:00: Raquel Forés-Toribio  12:00-12:15: Carina Fian  12:15-12:30: Felipe Ávila  Lunch | 11:00-11:15: Sebastian Wagner-Carena 11:15-11:30: Conor O'Riordan 11:30-11:45: Quihan He 11:45-12:00: Birendra Dhanasingham 12:00-12:15: Sergei Gleyzer 12:15-12:30: Chris Fassnacht Lunch |
| 14:30-16:00                | 15:15-15:30: Devon Powell 15:30-15:45: Dorota Bayer 15:45-16:00: Georgios Vernardos  Coffee break   | 15:00-15:15: Sydney Erickson<br>15:15-15:30: Raoul Cañameras<br>15:30-15:45: Dan Ryczanowski<br>15:45-16:00: Martin Makler<br>Coffee break   | 15:05-15:20: Han Wang 15:20-15:35: Lukas Furtak 15:35-15:50: Raven Gassis  Coffee break   | O'Dowd) Nierenberg)  | Discussion Dark matter (John McKean & Anna Nierenberg)  Coffee break   |
| 13.00-10.30                | 16:30-16:50: Giulia Despali (invited)   | Contac broak   | Contac broak  | 16:30-16:45: Hannah Turner   | 16:30-17:00: Summary - Shude Mao   |
| 16:30-18:00                | 16:50-17:05: Daniel Gilman<br>17:05-17:20: Di Wen<br>17:20-17:35: Joshua Fagin<br>17:35-17:50: Daniel Ballard   | Discussion Cosmology (Ken Wong & Claudio Grillo)   | Discussion Clusters (Ana Acebron & Masamune Oguri)  | 16:45-17:00: Chin Yi Tan<br>17:00-17:15: Nandini Sahu<br>17:15-17:30: Devon Williams<br>17:30-17:45: Nan Li<br>17:45-18:00: John McKean  | January Grade Mad  |

Posters Wednesday

Cristiana Spingola

Lorenzo Bazzanini

Matt O'Dowd

Tyler Hughes

Sangjun Cha

Posters Thursday

Bharath Chowdhary Nagam

Timo Anguita

Kamal Bora

Jimena Gonzalez

Philip Holloway

Posters Tuesday

Giacomo Queirolo

Grasiele Romanzini Bezerra

James Chan

Carlos Carneiro

Satadru Bag

Posters Monday

Hareesh Thuruthipilly

João Paulo França

Karina Rojas

Alejandra Melo

Shuaibo Geng

| Topics |        |
|--------|--------|
| Cosr   | nology |
| Dark   | Matter |
| Gala   | xies   |
| Clust  | ters   |
| Sour   | ces    |

| Se  | ssion chairs                     |
|-----|----------------------------------|
| Сс  | smology 1: Ken Wong              |
| Сс  | smology 2: Martin Makler         |
| Сс  | smology 3: Nikki Arendse         |
| Da  | rk matter 1: Simon Birrer        |
| Da  | ark matter 2: Georgios Vernardos |
| Da  | rk matter 3: Devon Powell        |
| Ga  | alaxies 1: Timo Anguita          |
| Ga  | alaxies 2: Alessandro Sonnenfeld |
| Ga  | alaxies 3: Cameron Lemon         |
| Cli | usters 1: Claudio Grillo         |
| Cli | usters 2: Piero Rosati           |
| Sc  | urces 1: Dominique Sluse         |
| So  | urces 2: Aprajita Verma          |
| So  | urces 3: Aris Amvrosiadis        |