

UNIONS CFIS/Pan-STARRS

2019 Collaboration Meeting program

Observatoire Astronomique de Strasbourg - October 7, 8, 9
11 rue de l'Université, Strasbourg, France

On all three days from Monday to Wednesday:

- Sessions will start at 09:00 in the amphitheatre (main building entrance, then to the left)
- All plenary talks and group discussions will take place in the amphitheatre
- All talks are 20 minutes long plus 5 minutes for Q&A
- The rooms available for the breakout sessions will be announced on Monday
- Coffee breaks : 10:40-11:10 + 16:00-16:30, courtesy of Observatoire de Strasbourg
- Lunch break : 12:40-14:00, sponsored by Rodrigo!

The meeting dinner will take place on Tuesday at 20:00 at [Les Haras](#) (not sponsored)

MONDAY 07/10

- **Session 1 (09:00-10:40) - Observing status and UNIONS DR2 tour**

- Pierre-Alain Duc & Rodrigo Ibata : **Welcome & Logistics** (5mn)
- Jean-Charles Cuillandre **CFIS observing status and UNIONS context**
- Ken Chambers **Pan-STARRS & HSC-g observing status**
- Gene Magnier **UNIONS DR2 tour, Part I**
- Stephen Gwyn **UNIONS DR2 tour, Part II**

- **Session 2 (11:10-12:40) - The Galaxy I**

- Guillaume Thomas **Unveiling the stellar halo with CFIS**
- Nick Fantin **White Dwarfs and CFIS**
- Rodrigo Ibata **Galactic structure with CFIS**
- Sessions 1&2 discussion (15)

- **Breakout sessions (14:00-16:00)**

- **Session 3 (16:30-18:00) - Remote (Zoom) talks & science discussion (1/2)**

- Sara Ellison **CFIS proves the merger-AGN connection**
- Connor Bottrell **RealSim-CFIS: a tool for injecting galaxies from hydrodynamical simulations**
- Post breakout sessions summary & science discussion (40)

TUESDAY 08/10

- **Session 4 (9:00-10:40) - The Galaxy II**
 - Jaclyn Jensen [Identifying Extended Stellar Debris of Globular Clusters in CFIS](#)
 - Ray Carlberg [Stellar streams from accreted globular clusters](#)
 - Rodrigo Ibata [Milky Way Streams in CFIS](#)
 - Nicolas Martin [UNIONS synergies with the Pristine survey of the metal-poor Milky Way](#)
- **Session 5 (11:10-12:40) - Low Surface Brightness**
 - Jean-Charles Cuillandre [Nature and performance of the CFIS-r LSB signal](#)
 - Amael Ellien [Detection of ICL with sparse analysis by synthesis approach](#)
 - Alan McConnachie [CFIS searches for UDGs and low mass galaxies](#)
 - Pierre-Alain Duc [CFIS searches of LSB tidal features](#)
- **Breakout sessions (14:00-16:00)**
- **Session 6 (16:30-17:30) - Science discussion (2/2)**
 - Post breakout sessions summary & science discussion (60)

WEDNESDAY 09/10

- **Session 7 (9:00-10:40) - Lensing**
 - Mike Hudson [Weak Lensing with CFIS: An Overview](#)
 - Axel Guinot [Weak lensing analysis of CFIS: from images to shape catalog](#)
 - Raphael Gavazzi [Updates on Strong Lensing searches in CFIS](#)
 - Jan Luca van den Busch [Redshift calibration using galaxy cross-correlations](#)
- **Session 8 (11:10-12:40) - 10 to 15 mn talks + UNIONS strategy**
 - Sam Farrens [Identification of Blended Sources using Deep Transfer Learning](#)
 - Rashi Jain [Globular clusters : Milky way and beyond](#)
 - Guillaume Thomas [Dark matter wake from the LMC](#)
 - Sessions 7&8 discussions (15)
 - Alan McConnachie (30) : Meeting summary, discussion on next steps, papers, etc.

Adjourn the UNIONS 2019 plenary session meeting but the breakout sessions can continue with the 3 rooms remaining available the whole afternoon!

- **Breakout sessions (14:00-18:00) with coffee break at 16:00**