

Transients in New Surveys: the Undiscovered Country Preliminary Program

Monday 9 July 2018

Outliers: the fast, the faint and the blue

(Subtopics: link with superluminous supernovae. How to differentiate them? Could some transients be different populations of the same triggering mechanism?)

09:00 - 10:00	Arrival, office assignment and coffee / tea
10:00 - 10:15	Welcome by Lorentz Center
10:15 - 10:45	Introduction by the organisers (program and goals of the workshop)
10:45 - 11:25	Plenary lecture to introduce the session - Arcavi Iair
11:25 - 11:50	Contributed talk - Ryan Chornock
11:50 - 12:15	Contributed talk - Miika Pusiainen
12:15 - 12:30	Work groups preparations
12:30 - 14:00	Lunch break
14:00 - 16:00	Work groups / individual discussions
16:00 - 17:00	Plenary discussion (focus on thoughts from morning talks, outcomes from the work groups)
17:00	Wine and cheese (not full dinner)

Tuesday 10 July 2018

Outliers: superluminous supernova + peculiar transients

(Subtopics: Is there a redshift dependence and what survey can deliver important information? At high redshift is their location different than those of nuclear transients and how can we identify the type of transient without spectroscopic information?)

09:00 - 09:40	Plenary Lecture to introduce the session - Ting-Wan Chen
09:40 - 10:05	Contributed talk - Kishalay De
10:05 - 10:30	Contributed talk - Lluís Galbany
10:30 - 11:00	Coffee and tea break
11:00 - 11:25	Contributed talk - Ragnhild Lunnan
11:25 - 11:50	Contributed talk - Charlotte Angus
11:50 - 12:15	Contributed talk - Giacomo Terreran
12:15 - 12:30	Preparation for the work group / plenary discussion of the afternoon
12:30 - 14:00	Lunch break
14:00 - 16:00	Work groups / individual discussions
16:00 - 17:30	Plenary discussion (focus on thoughts from morning talks, outcomes from the work groups)

Wednesday 11 July 2018

Outliers: nuclear transients

(Subtopics: Is there a 'smoking gun' to distinguish between isolate nuclear transient and faint peculiar super- novae? What is the subtle line dividing between AGN activity and extreme interacting superluminous supernovae happening in the nuclei of galaxies?)

09:00 - 09:40	Plenary Lecture to introduce the session - Andy Lawrence
09:40 - 10:05	Contributed talk - Erkki Kankare
10:05 - 10:30	Contributed talk - Mariusz Gromadzki
10:30 - 11:00	Coffee and tea break
11:00 - 11:25	Contributed talk - David Homan
11:25 - 11:50	Contributed talk - Francesca Onori
11:50 - 12:15	Contributed talk - Matthew Graham
12:15 - 12:30	Preparation for the work group / plenary discussion of the afternoon
12:30 - 14:00	Lunch break
14:00 - 15:00	Work groups / individual discussions
15:00 - 16:00	Plenary discussion (focus on thoughts from morning talks, outcomes from the work groups, as well as on outcomes 1 and 3)
16:00 - 16:30	Bus to the boat
16:30 - 20:30	Boat tour with buffet dinner
20:30 - 21:00	Bus back to Leiden Central station, Van der Valk hotel and Lorentz Center

Thursday 12 July 2018

Outliers in LSST, Euclid/WFIRST surveys

(Subtopics: What survey can offer a unique view for a certain target or produce a valuable statistical dataset, numbers of hundreds to thousands?)

09:00 - 09:40	Plenary Lecture to introduce the session - Ryan Foley
09:40 - 10:05	Contributed talk - Wolfgang Kerzendorf
10:05 - 10:30	Contributed talk - Assaf Horesh
10:30 - 11:00	Coffee and tea break
11:00 - 11:25	Contributed talk - Rahul Biswas
11:25 - 11:50	Contributed talk - Armin Rest
11:50 - 12:15	Contributed talk - Isobel Hook
12:15 - 12:30	Preparation for the work group / plenary discussion of the afternoon
12:30 - 14:00	Lunch break
14:00 - 15:30	Work groups / individual discussions
15:30 - 17:30	Plenary discussion (focus on thoughts from morning talks, work groups synergies)

Friday 13 July 2018

Outliers in optical, radio and high energy surveys

(Subtopics: What survey can offer a unique view for a certain target or produce a valuable statistical dataset, numbers of hundreds to thousands?)

09:00 - 09:40	Introductory Lecture on the topic - Andrew Levan
09:40 - 10:05	Contributed talk - Andy Howell
10:05 - 10:30	Contributed talk - Scott Adams
10:30 - 11:00	Coffee and tea break
11:00 - 11:25	Contributed talk - Brad Tucker
11:25 - 11:50	Contributed talk - Simon Hodgkin
11:50 - 12:15	Contributed talk - Thomas Wevers
12:15 - 13:45	Lunch break
13:45 - 14:45	Round table / final discussion
14:45 - 15:30	Keynote conclusive Lecture - Bob Nichol