

Virgo Meeting 2021 Program

January 7th, 8th & 11th

all times are in GMT (London time)

Overview talks	(20+10)min or (15+5)min or (10+5)min
Science Talks	(12+3)min
Flash talks	<5 min
Parallel discussion sessions	(40+20)min

Thursday, January 7th, 2021

9:15 - 9:20 welcome
9:20 - 9:50 **Overview:** Virgo dwarf project (Thales Gutcke)
9:50 - 10:20 **Overview:** Colibre (Joop Schaye + ...)
5min break
10:25 - 10:45 **Overview:** Sibelius (Till Sawala)
10:45 - 11:05 **Overview:** Eagle-XL (Matthieu Schaller/Richard Bower)
11:05 - 11:20 **Overview:** Mill-TNG (Volker Springel)

15:00 - 15:15 **Overview:** FLARES (Chris Lovell)
15:15 - 15:35 **Overview:** Auriga (Rob Grand)
15:35 - 15:55 **Overview:** BAHAMAS (Ian McCarthy)

5min break

16:00 - 16:15 **Code overview:** SWIFT (Matthieu Schaller)
16:15 - 16:30 **Code overview:** Arepo (Ruediger Pakmor)
16:30 - 16:45 **Code overview:** Gadget-4 (Volker Springel)
16:45 - 17:00 **Code overview:** Neutrinos (Willem Elbers)

17:30 - 19:30 **Social**

Friday, January 8th, 2021

9:15 - 9:30 **Ruby Wright:** The influence of feedback on halo-scale accretion rates in EAGLE
9:30 - 9:45 **Shaun Brown:** Connecting the structure of dark matter haloes to the primordial power spectrum
9:45 - 10:00 **Enrico Geraldi:** The THESAN simulation project: first galaxy formation meets cosmic reionization
10:00 - 10:15 **Alberto Acuto:** Testing the halo model assumptions to improve large-scale structure predictions
5min break
10:20 - 10:35 **Josh Borrow:** how variability in sub-grid models limits our understanding of galaxy formation
10:35 - 11:15 **Flash talks** Lilian Garrath-Smithson, Kate Harborne, Victoria Yankelevich, Matthew Wilson, Jemima Briggs, Filip Husko, Ellen Sirks, Joey Braspenning, Roi Kugel

15:00 - 15:55 **Flash talks** Anna McLeod, Victor Forouhar, Tilly Evans, Monica Barrera, Andrew Hannington, Andy Cook, Tamari Meshveliani, Joe Whittingham, Kristian Ehlert, Edoardo Altamura, Asya Borukhovetskaya

5min break

16:00 - 16:40 **parallel discussion sessions:**
Exact topics will be updated

16:40- 17:00 Summary of discussion sessions

Monday, January 11th, 2021

9:15 - 9:30 **Aswin Vijayan:** The photometric properties of the FLARES galaxies

9:30 - 9:45 **Dimitrios Irodoto:** Identifying kinematically distinct galactic components

9:45 - 10:00 **Nastasha Wijers:** EAGLE predictions of line emission from the circumgalactic medium

10:00 - 10:15 **Tom Callingham:** A History of the Milky Way through the Dynamics of Globular Clusters

5min break

10:20 - 11:00 **parallel discussion sessions:**
Topics will be updated

11:00 - 11:20 Summary of discussion sessions

15:00 - 15:15 **Jolanta Zjupa:** What makes a satellite galaxy? - internal processes vs. environmental effects

15:15 - 15:30 **Reza Ayromlou:** The role of environment in galaxy evolution

15:30 - 15:45 **Diego Pallero:**The importance of low-mass clusters for satellite quenching in C-EAGLE sims

15:40 - 16:00 **Isabel Santos-Santos:** LMC analogs in APOSTLE: the impact of recent, massive satellite accretion on the Milky Way

Break (5min)

16:00 - 17:00 New projects and concluding remarks