

DARKLIGHT Wrap-Up Workshop

Dipartimento di Fisica

Università degli Studi di Milano
4-6 September 2017 - Aula Caldirola

MONDAY September 4th, 2017

14:00-15:00: Carmelita Carbone (INAF-OABrera/Unimi)

THE DEMNUni PROJECT: ACHIEVEMENTS AND PERSPECTIVES

15:00-16:00: Julien Bel (Aix-Marseille Université)

REDSHIFT SPACE DISTORTIONS, NEUTRINOS AND DARK ENERGY FROM SIMULATIONS

– Coffee Break

16:30-17:30: Rossana Ruggeri (ICG Portsmouth)

A NEW APPROACH TO MEASURE THE STRUCTURE GROWTH

TUESDAY September 5th, 2017

9:30-10:30: Matteo Zennaro (Unimi)

THE CLUSTERING OF GALAXIES IN THE PRESENCE OF MASSIVE NEUTRINOS

– Coffee Break

11:00-12:00: Andrea Pezzotta (ICE-IEEC Barcelona)

MEASURING THE GROWTH RATE OF STRUCTURES THROUGH REDSHIFT SPACE DISTORTIONS USING THE FINAL VIPERS GALAXY SAMPLE

12:00-13:00: Faizan Mohammad (INAF-OABrera/Unimi)

TOWARDS UNBIASED ESTIMATES OF THE GROWTH RATE OF STRUCTURE THROUGH OPTIMISED TRACERS AND TECHNIQUES

– 13:00-15:00 Lunch

15:00-16:00: Davide Bianchi (ICG Portsmouth)

PAIR-UPWEIGHTING APPROACH TO THE PROBLEM OF MISSING OBSERVATIONS

16:00-17:00: Jun Koda (Roma Tre University)

NONLINEAR REDSHIFT SPACE DISTORTION

- Discussion

WEDNESDAY September 6th, 2017

9:30-10:30: Benjamin Granett (INAF-OABrera/Unimi)

THE VIPERS GALAXY POWER SPECTRUM AND COSMOLOGICAL INTERPRETATION

– Coffee Break

11:00-12:00: Adam Hawken (INAF-OABrera/Unimi)

GETTING COSMOLOGY OUT OF NOTHING: CHALLENGES AND PROSPECTS OF COSMIC VOID COSMOLOGY

12:00: Luigi Guzzo (Unimi)

FINAL WRAP UP OF THE DARKLIGHT PROJECT + final discussion

