

MONDAY 23/5



12:00: BUS FROM ATOCHA TO LA CRISTALERA

13:30 LUNCH



DIRECT DETECTION:

14:30: TAMARA PARDO – NEUTRON CALIBRATIONS IN ANAIS-112

14:50: SUSANA CEBRIÁN – STATUS OF DIRECT SEARCHES WITH ARGON AND STUDY ON COSMOGENIC ACTIVATION ABOVE GROUND FOR THE DARKSIDE-20K.

15:30: ROCÍO VILAR – DAMIC



16:00 COFFEE BREAK

16:20: DAVID DÍEZ IBÁÑEZ – PROSPECTS ABOUT TREX-DM: A LOW-MASS WIMP DETECTOR AT LSC

16:40: ELÍAS LÓPEZ ASAMAR – TOWARDS THE CONFIRMATION OF THE MIGDAL EFFECT WITH MIGDAL

17:00: DAVID ALONSO-GONZÁLEZ – DIRECT DETECTION AND SPALLATION EXPERIMENTS TO TEST THE NEUTRINO DIPOLE PORTAL

17:20: CRISTINA MARGALEJO – SEARCH FOR SOLAR AXIONS WITH HELIOSCOPES: TOWARDS THE IAXO PROJECT

20:30 DINNER



TUESDAY 24/5

08:00 BREAKFAST



LHC:

- 09:30: VICTOR MARTÍN LOZANO - SIMPLIFIED MODELS FOR RESONANT NEUTRAL SCALAR PRODUCTION WITH MISSING TRANSVERSE ENERGY FINAL STATES.
- 09:50: JUAN ANTONIO AGUILAR-SAAVEDRA - MULTILEPTON DARK MATTER SIGNALS
- 10:10: CEM SALIH UN - MUON G-2 IN SUSY CUTS WITH FLAVOR (NON)UNIVERSALITY.
- 10:30: SVEN HEINEMEYER - NEW RESULTS FOR THE DD/LHC COMPLEMENTARITY IN THE MSSM

INDIRECT DETECTION (GAMMA):

- 10:50: TJARK MIENER - COMBINED SEARCH IN DWARF SPHEROIDAL GALAXIES FOR BRANON DARK MATTER ANNIHILATION SIGNATURES WITH THE MAGIC TELESCOPES

11:10 COFFEE BREAK



- 11:25: VIVIANA GAMMALDI - SEARCHING FOR DARK MATTER IN FERMI-LAT UNIDENTIFIED SOURCES WITH MACHINE LEARNING
- 11:45: SARA PORRAS BEDMAR - DARK MATTER GAMMA-RAY SIGNALS IN THE MILKY WAY: BRIGHTEST DARK SATELLITES VERSUS DIFFUSE GALACTIC EMISSION
- 12:05: JAUME ZURIAGA - MODELING THE DARK MATTER DENSITY DISTRIBUTION AT THE GALACTIC CENTER WITH GAMMA RAYS
- 12:25: RAFAEL ALVES BATISTA - THE DIFFUSE FLUXES OF HIGH-ENERGY NEUTRINOS AND GAMMA RAYS
- 12:45: JUDIT PÉREZ ROMERO - SENSITIVITY OF THE CTA TO DARK MATTER INDUCED EMISSION FROM THE PERSEUS GALAXY CLUSTER

13:30 LUNCH



- 14:45: PEDRO DE LA TORRE LUQUE - INDIRECT DARK MATTER SEARCHES WITH ANTI-NUCLEI
- 15:05: MARINA CERMEÑO GAVILÁN - SIGNATURES OF LEPTOPHILIC T-CHANNEL DARK MATTER FROM ACTIVE GALACTIC NUCLEI

INDIRECT DETECTION (NU + COSMIC RAYS):

- 15:25: REBECA GOZZINI - INDIRECT DARK MATTER SEARCHES WITH UNDERWATER NEUTRINO TELESCOPES
- 15:45: PABLO MARTÍNEZ-MIRAVÉ - NEUTRINO NON-STANDARD INTERACTIONS FROM THE FUTURE SOLAR SECTOR

16:05 COFFEE BREAK



- 16:25: DORIAN PRAIA-DO-AMARAL - NEUTRINO NON-STANDARD INTERACTIONS AT DIRECT DETECTION EXPERIMENTS
- 16:45: PABLO ESCRIBANO - AN ULTRAVIOLET COMPLETION FOR THE SCOTOGENIC MODEL
- 17:05: PATRICK FOLDENAUER - DETECTING HIGH-ENERGY NEUTRINOS VIA DISPLACED JET SIGNATURES AT THE LHC

20:30 DINNER



WEDNESDAY 25/5



08:00 BREAKFAST

COSMOLOGY:

09:00: MARTÍN DE LOS RÍOS – ESTIMATING THE DARK MATTER PROFILES OF GALAXIES USING DEEP LEARNING

09:20: ANDREW CHEEK – INTERPLAY BETWEEN PRIMORDIAL BLACK HOLE EVAPORATION AND DARK MATTER PRODUCTION

09:40: ALVARO PARRA – SHEDDING LIGHT ON DARK MATTER USING BOSE-EINSTEIN CONDENSATES

10:00: ALFREDO DELGADO MIRAVET – VECTOR DARK RADIATION AND GRAVITATIONAL WAVE POLARIZATION



10:30 COFFEE BREAK

10:45: HÉCTOR VILLARRUBIA ROJO – ARE THERE LATE-TIME SOLUTIONS TO THE H_0 AND Σ_8 TENSIONS?

11:05: RUBÉN LÓPEZ COTO – SEARCH FOR PRIMORDIAL BLACK HOLE EVAPORATION USING CURRENT AND NEXT GENERATION VERY-HIGH-ENERGY GAMMA-RAY FACILITIES

11:25: FRANCESCA SCARCELLA – PROSPECTS FOR PRIMORDIAL BLACK HOLE DETECTION WITH HIGH REDSHIFT GRAVITATIONAL WAVE OBSERVATIONS

11:45: ALEJANDRA AGUIRRE-SANTAELLA – SHEDDING LIGHT ON LOW-MASS SUBHALO SURVIVAL WITH NUMERICAL SIMULATIONS

12:05-13:00

ROUND TABLE



13:30 LUNCH

14:30: BUS FROM LA CRISTALERA TO ATOCHA

