

CARGESE 2025: Participant Talks				
Day	First Name	Last Name	Affiliation	Title
Tuesday 22.07	Fabio	Bernardo	University of Geneva	EFT framework for QFT at finite temperature
	Katarina	Trilović	Jožef Stefan Institute	Functional determinants and lifetime of the Standard Model
	Riikka	Seppä	University of Helsinki	Bubble nucleation in SU(8) deconfinement transition: a Lattice study
	Enrico	Perboni	DESY	Bubble wall velocity in cosmological 1st order phase transition
	Ignacy	Nalecz	University of Warsaw	Probing Composite Higgs with Gravitational Waves
	Martina	Cataldi	University of Hamburg	News on Cold Baryogenesis: B from SM SU(2)-textures induced by Higgs bubble collisions at T~0
	Jacopo	Azzola	TUM	Minimal electroweak baryogenesis with Domain Walls
Wednesday 23.07	Edoardo	Alviani	IJCLab	Gauge anomalies from an on-shell perspective
	Jared	Goldberg	Technion	Vector Pair Production, the Onshell Way
	Warin Patrick	McBlain	SISSA	Asymptotic Superluminality
	Cypris	Plantier	LPSC	Dark higher-form portals
	Heleen	Mulder	Nikhef	Probing the QCD theta term with paramagnetic molecules
	Rotem	Ovadia	University of Jerusalem	The Seiberg-Witten Axion
	Jeffrey	Backus	Princeton University	Scattering Amplitudes in Gauge Theory
Thursday 24.07	Eric	Putney	Rutgers	Gaia and Dark Matter
	André	Milagre	University of Lisbon	Electroweak Symmetry Breaking and Dark Matter Relic Density
	Satumaaria	Sukuvaara	University of Helsinki	Filtered dark matter in a first order phase transition
	Junyang	Lu	UCSD	Detectability of dark matter subhalo impacts in Milky Way stellar streams
	Margaux	Jomain	LAPTh	Rekindling s-Wave Dark Matter Annihilation Below 10 GeV with Breit-Wigner Effects
	Majed	Khalaf	University of Jerusalem	Bound-Unbound Universality
	Omri	Rosner	Weizmann institute of science	Decay from False Vacuum Measurement (in 1-d)
	Pier Giuseppe	Catnari	Rome University La Sapienza	Hunting axion dark matter with anti-ferromagnets
	Joel	Barir	Tel Aviv University	Search for dark photons with a large cavity
Friday 25.97	Andrea	Di Lecce	Scuola Normale Superiore Pisa	Dark Matter in Composite Higgs
	Maximilian	Detering	King's College London	Higgs Criticality
	Barbara Anna	Erdelyi	Università degli Studi di Padova	Probing New Physics with the Electron Yukawa coupling
	Javier	Reig Navarro	EPFL	Tetraquarks at large N?
	Simone	Tentori	UC Louvain	Tales from the Loop
	Dominik	Haslehner	TUM	Pooling of the Fields-Space Geometry
	Jaipratap	Grewal	UCSD	Runized Deep Inelastic Scattering as $x \rightarrow 1$
	Lucine	Tabatt	HU Berlin	The Higgs self coupling in the Presence of Electron-Top Couplings
	Wael	Aoun	UC Louvain	Magic zeros at EFT matching
Monday 28.07	Anna	Ferdinand	MIT	QCD amplitudes in the Regge limit with SCET
	Larissa	Kiriluk Pastrello	Cornell University	Asymptotic Freedom for Holographic Energy Correlators
	Matheus	Martines	University of São Paulo& IJCLab	Probing Flavorful EFTs via $pp \rightarrow$ VW and $pp \rightarrow$ VH at the LHC
	Sebastiano	Covone	University of Zürich	Flavour deconstructing the Composite Higgs
	Keegan	Humphrey	University of Toronto	Atomic Dark Matter Capture in the Earth - the Global Picture
	Micah	Mellors	University of Toronto	General Implications of the Froggatt-Nielsen Mechanism
	Megan	McDuffie	Stony Brook University	Probing Millicharged Particles at an Electron Beam Dump with Ultralow-Threshold Sensors
	Anianna	Tinari	University of Zürich	Short- vs Long-Distance Dynamics in b->sll Decays
	Olimpia	Miniasi	Università degli Studi di Bologna	Are Quantum Observables sensitive to CP-violation in t-tbar pairs?
	Arjun	Kudinoor	MIT	The Original Soup: Quark-Gluon Plasma
Tuesday 29.07	Maya	Hager	Max-Planck-Institut für Kernphysik	Phasing Out Of Darkness: From Sterile Neutrino DM to Neutrino Masses via Time-Dependent Mixing
	Nabeen	Bhusal	DESY	Insufficient Fermion (P)reheating in a Quartic Inflaton Potential
	Alica Ela	Rogelj	University of Bern	Evolution of gauge invariant scalar perturbations from inflation to reheating
	Praniti	Singh	Brown University	Reionization and the Hubble Constant: Correlations in the Cosmic Microwave Background
	Yunjia	Bao	University of Chicago	Crescendo Beyond the Horizon: More Gravitational Waves from Domain Walls Bounded by Inflated Cosmic Strings
	Juan Camilo	Garnica-Aguirre	University of Warsaw	Nucleation rate with out of equilibrium effects
	Heejoon	Kim	KAIST	Revisiting Axion Strings
	Théodore	Fischer	Laboratoire Charles Coulomb	Dark Matter with Monopoles
	Kai	Bartnick	TUM	Phi-Dwarfs: White Dwarfs probe Quadratically Coupled Scalars
	Ethan	Carragher	University of Oxford	QCD string fragmentation with worldsheet axion excitations
Wednesday 30.07	Chandrika	Chandrashekar	Harvard University	Tackling the Axion Isocurvature Problem with Modulus Field Kination
	Ella	Henry	University of Washington	Journey into the axiverse: Understanding the effect of multi-axion interactions on observables
	Dan	Kondo	IPMU	Axion/ALP scenario with high scale inflation
	Junxuan	Xu	Tsung-Dao Lee Institute	Small Instantons and the Post-Inflationary QCD Axion in a Special Product GUT
	Riccardo	Natale	DESY	Kinetic Axion from non-minimally coupled PQ field
	Zhaoyu	Bai	Weizmann Institute of Science	Ultralight Field Backgrounds
	Genta	Osaki	The University of Tokyo	Axion DM detection using shift current
Thursday 31.07	Nicholas	Leister	University of Mainz	No Scalar-Induced GWs from PBH evaporation
	Lennard	Dufner	University of Cambridge	An Open System Approach to Gravity
	Gaurang Ramakant	Kane	University of Oxford	How Cool is Yang-Mills Theory?
	Marcello	Romano	IPhT	(Super) Gravity from Positivity
	Lucas	Fernandez Sarmiento	Carnegie Mellon University	Broken Weyl gravity
	Diego	Saviot	LAPTh	Examining the Anomalous Nature of Chiral Effects in Thermodynamics
	Aidan	Symons	UMass Amherst	Black Hole Explosions
	Paolo	Bilisco	IPhT	Quantum (and classical) detection of gravitational waves: scope and limitations
	Anna-Malin	Lemke	University of Hamburg	Anisotropy searches with pulsar timing arrays
	Alessia	Musumeci	TUM	Nanohertz Gravitational Waves from the Baryon-Dark Matter Coincidence
	Katarina	Bleau	University of Mainz	High-Frequency Gravitational Waves from Phase Transitions in Nascent Neutron Stars