

IBS CTPU-CGA 2023 Workshop on Topological Defects

Monday, 25 September 2023

Talk: Chair person: Mairi - CTPU, 4th floor Theory Building (09:40 - 10:25)

time	[id] title	presenter
09:40	[1] Robert Brandenberger: Searching for cosmic strings in new observational windows - an overview	

Talk: Chair person: Mairi - CTPU, 4th floor Theory Building (10:45 - 11:30)

time	[id] title	presenter
10:45	[2] Jon Urrestilla: Scaling in axion string networks	

Talk: Chair person: Masahide - CTPU, 4th floor Theory Building (13:30 - 14:15)

time	[id] title	presenter
13:30	[3] Edward Hardy: Gravitational waves from axion strings	

Talk: Chair person: Masahide - CTPU, 4th floor Theory Building (14:45 - 15:30)

time	[id] title	presenter
14:45	[4] Muneto Nitta: Skyrmions and Chiral Solitons in QCD and Condensed Matter	

Talk: Chair person: Masahide - CTPU, 4th floor Theory Building (16:00 - 16:45)

time	[id] title	presenter
16:00	[5] Arttu Rajantie: Monopoles and baryons from sphalerons and instantons	

Tuesday, 26 September 2023

Talk: Chair person: Christophe - CTPU, 4th floor Theory Building (09:30 - 10:15)

time	[id] title	presenter
09:30	[6] Joanes Lizarraga: Decay and GW emission from field theory loops	

Talk: Chair person: Christophe - CTPU, 4th floor Theory Building (10:45 - 11:30)

time	[id] title	presenter
10:45	[7] Amelia Drew: Cosmic String Radiation with Adaptive Mesh Refinement	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (13:30 - 14:15)

time	[id] title	presenter
13:30	[8] José Ricardo Correia: Strings in $U(1) \times U(1)$ simulations	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (14:45 - 15:30)

time	[id] title	presenter
14:45	[9] Aäron Rase: Gravitational Waves from Domain Wall Dynamics	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (16:00 - 16:45)

time	[id] title	presenter
16:00	[10] Christophe Ringeval: Stochastic Gravitational Waves from Cosmic Strings	

Wednesday, 27 September 2023

Talk: Chair person: Mairi - CTPU, 4th floor Theory Building (09:30 - 10:15)

time	[id] title	presenter
09:30	[11] Kazuya Yonekura: Cosmic strings from pure Yang-Mills theory	

Talk: Chair person: Mairi - CTPU, 4th floor Theory Building (10:45 - 11:30)

time	[id] title	presenter
10:45	[12] Ivan Rybak: Exploring the Dynamics of Superconducting Cosmic Strings and Their Observational Consequences	

Talk: Chair person: Mairi - CTPU, 4th floor Theory Building (12:00 - 12:45)

time	[id] title	presenter
12:00	[13] Naoya Kitajima: Cosmic string network and dark photon dark matter	

Thursday, 28 September 2023

Talk: Chair person: Masahide - CTPU, 4th floor Theory Building (09:30 - 10:15)

time	[id] title	presenter
09:30	[14] Mairi Sakellariadou: Constraints on cosmic strings using data from the third Advanced LIGO-Virgo observing run and a discussion on possible implications for particle physics and cosmological models	

Talk: Chair person: Masahide - CTPU, 4th floor Theory Building (10:45 - 11:30)

time	[id] title	presenter
10:45	[15] Pierre Auclair: PTA(tentative)	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (13:30 - 14:15)

time	[id] title	presenter
13:30	[16] Matteo Pierre Blamart; Constraining cosmic strings with future 21cm experiments	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (14:45 - 15:30)

time	[id] title	presenter
14:45	[17] Bryce Cyr: Spectral Signatures of Superconducting Strings	

Talk: Chair person: Tanmay - CTPU, 4th floor Theory Building (16:00 - 16:45)

time	[id] title	presenter
16:00	[18] Jim Pinfold: The Search for the Magnetic Monopole from the LHC to the Planck Scale	

Friday, 29 September 2023

Talk: Chair person: Christophe - CTPU, 4th floor Theory Building (09:30 - 10:15)

time	[id] title	presenter
09:30	[19] Teerthal Patel: Electroweak dumbbells and their dynamics	

Talk: Chair person: Christophe - CTPU, 4th floor Theory Building (10:45 - 11:30)

time	[id] title	presenter
10:45	[20] Michiru Niibo: Formation of defects(tentative)	

Talk: Chair person: Christophe - CTPU, 4th floor Theory Building (12:00 - 12:45)

time	[id] title	presenter
12:00	[21] Tanmay Vachaspati: Conference summary	