

New Frontiers in Theoretical Physics - XXXVII Convegno Nazionale di Fisica Teorica

Wednesday, 27 September 2023

Topical Talks (09:45 - 11:00)

time	[id] title	presenter
09:45	[9] Maxwell theory of fractons	BERTOLINI, Erica
10:05	[10] Modeling chromosome organization in SARS-CoV-2 infected genomes with Polymer Physics	CHIARIELLO, Andrea Maria
10:25	[11] Exact perturbative methods	BUCCIOTTI, Bruno
10:45	[113] Firetalks	ROSELLI, Daniele GILIBERTI, Mauro GARATTINI, Remo

Topical Talks (11:30 - 12:50)

time	[id] title	presenter
11:30	[12] Callan-Rubakov effect in a chiral gauge theory	LUZIO, Andrea
11:50	[13] Bootstrapping effective field theories of photons	RUSSO, Francesco
12:10	[114] Firetalks	ARDUINO, Andrea DE SABBATA, Elia MANZONI, Federico
12:25	[14] New results for the Schwinger model from the lattice	ZAN, Bernardo

Topical Talks (15:15 - 16:30)

time	[id] title	presenter
15:15	[47] Kination in String Theory	REVELLO, Filippo
15:35	[48] A first-order formalism for non-supersymmetric strings	RAUCCI, Salvatore
15:55	[49] Classical Gravitational Bound States with Amplitudes	GONZO, Riccardo
16:15	[115] Firetalks	FONTANAROSSA, Alessio MORGANTE, Davide

Topical Talks (17:00 - 18:20)

time	[id] title	presenter
17:00	[17] Strong-coupling results in N=2 superconformal gauge theories	VALLARINO, Paolo
17:20	[18] A recipe for genuine lines: 1-form symmetries in N=3 S-folds	ROTA, Simone
17:40	[116] Firetalks	RODRIGUES TENSER, Marcia DE CESARE, Marco ROMOLI, Matteo

17:55	[19] Gravitational waves from scattering amplitudes
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HEISSENBERG, Carlo

Thursday, 28 September 2023

Topical Talks (09:45 - 11:00)

time	[id] title	presenter
09:45	[22] On the ultraviolet asymptotics of the glueball effective action in large-N Yang-Mills theory	SCARDINO, Francesco
10:05	[23] RG-running of the tensor currents for $\eta' = 3$ QCD in a η SF setup	PIRELLI, Ludovica
10:25	[24] Radiative leptonic decays of pseudoscalar mesons from lattice QCD	GAGLIARDI, Giuseppe
10:45	[117] Firetalks	DE SANTIS, Alessandro

Topical Talks (11:30 - 12:50)

time	[id] title	presenter
11:30	[25] Modular invariance and the strong CP problem	TITOV, Arsenii
11:50	[26] Nucleon spin structure in Holographic QCD	CASTELLANI, Federico
12:10	[118] Firetalks	FINAURI, Gael MARCIANO, Simone
12:25	[27] Tetra- e Pentaquarks: La spettroscopia degli adroni esotici	PILLONI, Alessandro

Topical Talks (15:15 - 16:30)

time	[id] title	presenter
15:15	[29] Inclusive rare Λ_{cb} decays to photon	LOPARCO, Francesco
15:35	[30] Top-quark loops in $gg \rightarrow ZH$ and $gg \rightarrow ZZ$ via a transverse momentum expansion	VITTI, Marco
15:55	[31] LePDF: Standard Model PDFs for High-Energy Lepton Colliders	GAROSI, Francesco
16:15	[119] Firetalks	DEL PIO, Clara Lavinia AJMAL, Sehar DI NOI, Stefano

Topical Talks (17:00 - 18:20)

time	[id] title	presenter
17:00	[32] An updated view on the X17 hypothesis	TONI, Claudio
17:20	[33] Radiative corrections for the MUonE experiment	GURGONE, Andrea
17:40	[120] Firetalks	STANZIONE, Alfredo LOSACCO, Nicola
17:55	[34] Flavour Physics: status and prospects	BORDONE, Marzia

Friday, 29 September 2023

Topical Talks (09:45 - 11:00)

time	[id] title	presenter
09:45	[37] Dark Sectors from Strongly Coupled Theories	VERMA, Sonali
10:05	[38] Dark Matter and Gravitational Waves in the 2HDM+a	ARCADI, Giorgio
10:25	[39] Mineral Detection of Dark Matter	STENGEL, Patrick
10:45	[121] Firetalks	CABO ALMEIDA, David ARCARI, Stefano PALMISANO, Stefano

Topical Talks (11:30 - 12:50)

time	[id] title	presenter
11:30	[40] Shear viscosity to entropy density ratio in gravity analogue models	TRABUCCO, Silvia
11:50	[124] The recent gravitational wave observation by pulsar timing arrays and primordial black holes	IOVINO, Antonio Junior
12:10	[122] Firetalks	GRANELLI, Alessandro ZAGATTI, Giorgia NAVA, Jacopo
12:25	[42] What cosmology can tell us about neutrinos	ARCHIDIACONO, Maria

Topical Talks (14:30 - 15:30)

time	[id] title	presenter
14:30	[43] Unveiling dark fifth forces with linear cosmology and LSS	BOTTARO, Salvatore
14:55	[45] Axionic Strings, Domain Walls and Baryons via Holography	OLZI, Andrea
15:15	[123] Firetalks	CAMILLETTI, Alessandro BARBIERI, Nicola SASSI, Tommaso