



# QNP2024 - The 10th International Conference on Quarks and Nuclear Physics

## Monday, 8 July 2024

### Poster session - Aula Magna (11:00 - 11:30)

time	[id] title	presenter
11:00	[123] A Variational Approach to Quantum Field Theory	ROVIRA, Martí
11:00	[246] Addressing the $p\Omega$ femtoscopy correlation function using baryon-baryon effective potentials	PIQUER I MÉNDEZ, Marc
11:00	[243] Barrelet Zeros Extraction in Pion-Nucleon Scattering	CAMPOS, Marta
11:00	[173] Hyperfine splittings of heavy quarkonium hybrids	TOMÀS VALLS, Sandra
11:00	[119] Hybrid compact stars with a crossover equation of state	LAVAGNO, Andrea

### Poster session (16:00 - 16:30)

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16:00	[255] A Variational Approach to Quantum Field Theory	ROVIRA, Martí
16:00	[256] Addressing the $p\Omega$ femtoscopy correlation function using baryon-baryon effective potentials	PIQUER I MÉNDEZ, Marc
16:00	[257] Barrelet Zeros Extraction in Pion-Nucleon Scattering	CAMPOS, Marta
16:00	[258] Hyperfine splittings of heavy quarkonium hybrids	TOMÀS VALLS, Sandra
16:00	[259] Hybrid compact stars with a crossover equation of state	LAVAGNO, Andrea

# Tuesday, 9 July 2024

## Poster session - Aula Magna (11:00 - 11:30)

time	[id] title	presenter
11:00	[219] Vorticity evolution in hydrodynamical expansion of the fireball	Mr REINA RAMIREZ, Angel
11:00	[237] $\$NDD^{\square}\$$ three-body molecular states	MONTESINOS, Victor
11:00	[242] Femtoscopy study of $\pi^-\Lambda$ and $K^-\Lambda$ interactions	Mr ENCARNACION, Pablo
11:00	[240] Pole trajectories of the $\Lambda(1405)$ helps establish its dynamical nature	ZHUANG, Zejian
11:00	[151] Coupling Constant $g_{\Lambda_b \Lambda}$ using the Baryonic $B^0 \rightarrow p\Lambda^0$ Decay	RAFIBAKHSH, Shima

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16:00	[263] Femtoscopy study of $\pi^-\Lambda$ and $K^-\Lambda$ interactions	Mr ENCARNACION, Pablo
16:00	[264] Pole trajectories of the $\Lambda(1405)$ helps establish its dynamical nature	ZHUANG, Zejian
16:00	[265] Coupling Constant $g_{\Lambda_b \Lambda}$ using the Baryonic $B^0 \rightarrow p\Lambda^0$ Decay	RAFIBAKHSH, Shima
16:00	[261] Vorticity evolution in hydrodynamical expansion of the fireball	Mr REINA RAMIREZ, Angel

# Wednesday, 10 July 2024

## Poster session - Aula Magna (11:00 - 11:30)

time	[id] title	presenter
11:00	[244] Dynamically generated resonances in the Lambda K- correlation function	Ms BOTELLA GARCIA, Marta
11:00	[245] Damping of density oscillations from bulk viscosity in quark matter	HERNÁNDEZ, José Luis
11:00	[247] Approach to meson-baryon femtoscopy correlation functions using effective field theories	PEÑA ALMAZÁN, Álvaro
11:00	[249] Nuclear dynamics with the Barcelona-Catania-Paris-Madrid functional	RIOS HUGUET, Arnau Mr SOLER MIRAS, Daniel
11:00	[124] Dilepton production rates by pion-pair annihilation in inhomogeneous chiral condensed phase	HAYASHI, Kentaro

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16:00	[270] Dilepton production rates by pion-pair annihilation in inhomogeneous chiral condensed phase	HAYASHI, Kentaro