Session Program

2-7 Jul 2023

Searching for New Physics at the Quantum Technology Frontier

Atoms and Exotic Atoms II

Congressi Stefano Franscini (CSF), Ascona (Ticino), Switzerland Monte Verità Strada Collina 84 CH-6612 Ascona (Ticino)

Friday 7 July

Session Location: Co	ngressi Stefano Franscini (CSF), Ascona (Ticino), Switzerland, Monte Verità Strada Collina 84 CH-6
Ascona (Ticino	
Convener: E	berhard Widmann
08:25-08:3	0 Session's intro
Speaker	
Eberhard Wi	dmann
08:30-09:0	5
	, at MIT and UFRJ, and Antihydrogen Laser Spectroscopy, at the ALPH
	tion at CERN
Speaker Claudio Lenz	7 Cesar
09:05-09:3	0 1S-3S CW spectroscopy of Deuterium atoms
Speaker	
Pauline Yzon	nbard
09:30-09:5	5
	spectroscopy of transitions from the metastable 2 \$^3\$S\$_1\$ state o
\$^4\$He t	o high-\textit{n}p Rydberg states
Speaker	
Speaker Gloria Clause	
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Gloria Clause	en 5 Coffee break
Gloria Clause 09:55-10:2 10:25-11:0	en 5 Coffee break
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Gloria Clause 09:55-10:2 10:25-11:0 Fundame Speaker Dr Nancy Pa 11:00-11:2 Theory of	5 Coffee break 10 Interactions and Beyond with X-ray Spectroscopy of Exotic Atoms 11 Interactions and Beyond with X-ray Spectroscopy of Exotic Atoms 13 Ight muonic atoms Two-photon-exchange contributions to muonic
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