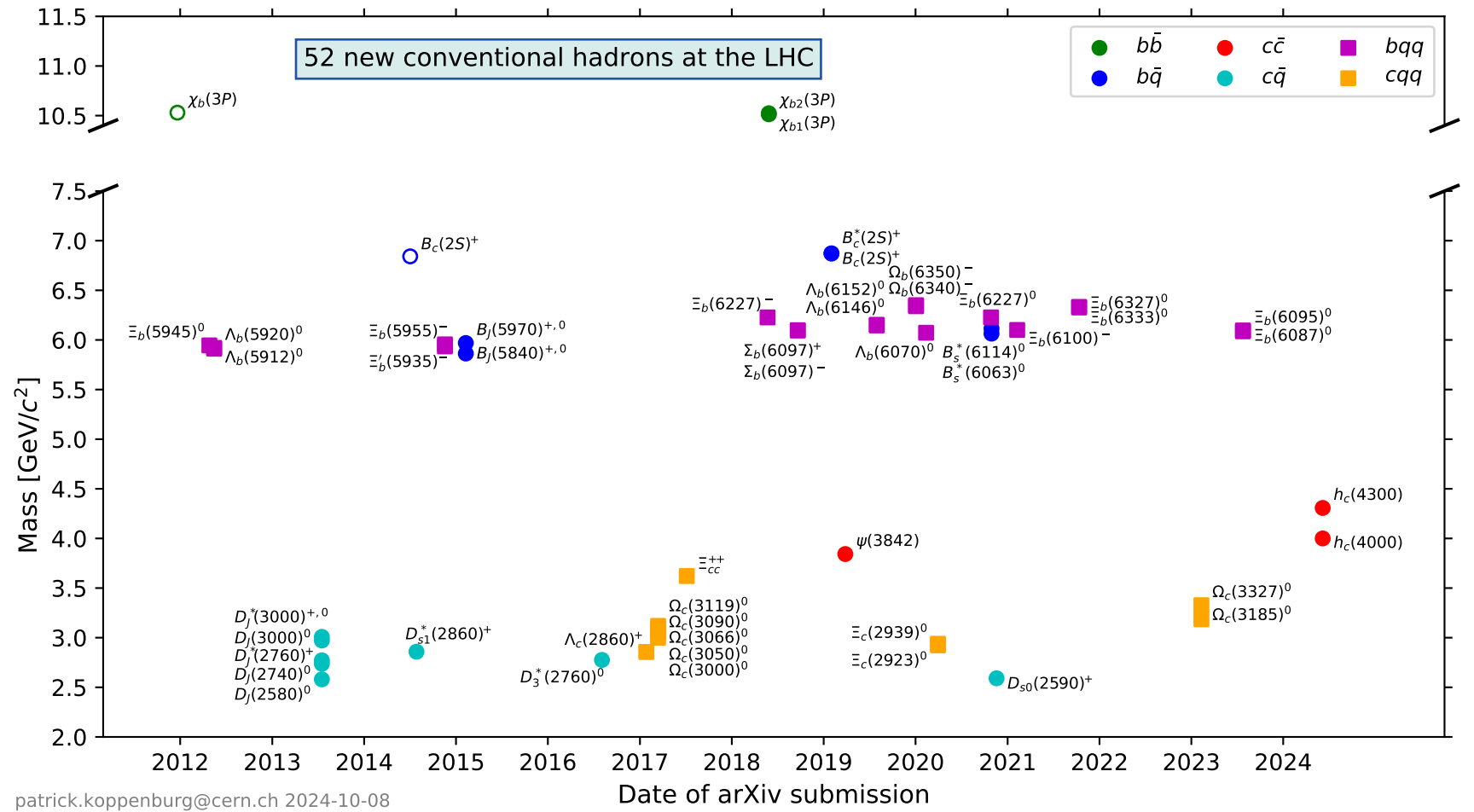
52 new conventional hadrons at the LHC
$b\bar{b}$
$b\bar{q}$
$c\bar{c}$
$c\bar{q}$
bqq
cqq
$\chi_b(3P)$
$\chi_{b2}(3P)$
$\chi_{b1}(3P)$
$B_c(2S)^+$
$B_c^*(2S)^+$
$B_c(2S)^+$
$\Xi_b(6227)^-$
$\Omega_b(6350)^-$
$\Lambda_b(6152)^0$
$\Omega_b(6340)^-$
$\Lambda_b(6146)^0$
$\Xi_b(6227)^0$
$\Xi_b(6327)^0$
$\Xi_b(6333)^0$
$\Xi_b(5945)^0$
$\Lambda_b(5920)^0$
$\Lambda_b(5912)^0$
$\Xi_b(5955)^-$
$B_J(5970)^{+,0}$
$\Xi_b'(5935)^-$
$B_J(5840)^{+,0}$
$\Sigma_b(6097)^+$
$\Sigma_b(6097)^-$
$\Lambda_b(6070)^0$
$B_s^*(6114)^0$
$B_s^*(6063)^0$
$\Xi_b(6100)^-$
$\Xi_b(6095)^0$
$\Xi_b(6087)^0$
$h_c(4300)$
$h_c(4000)$
$\psi(3842)$
Ξ_{cc}^{++}
$\Omega_c(3327)^0$
$\Omega_c(3185)^0$
$\Omega_c(3119)^0$
$\Omega_c(3090)^0$
$\Omega_c(3066)^0$
$\Omega_c(3050)^0$
$\Omega_c(3000)^0$
$D_J^*(3000)^{+,0}$
$D_J(3000)^0$
$D_J^*(2760)^+$
$D_J(2740)^0$
$D_J(2580)^0$
$D_{s1}^*(2860)^+$
$\Lambda_c(2860)^+$
$D_3^*(2760)^0$
$\Xi_c(2939)^0$
$\Xi_c(2923)^0$
$D_{s0}(2590)^+$
Mass [GeV/c^2]
Date of arXiv submission
11.5
11.0
10.5
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
2012
2013
2014
2015
2016
2017
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2023
2024