

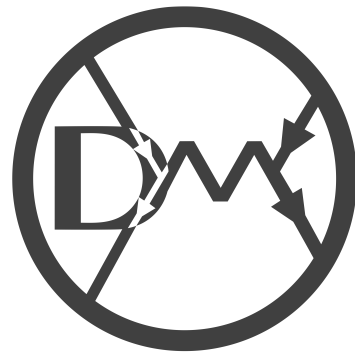


Michael J. Baker

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Research Interest 1) Thermal Effects in Dark Matter Production



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Dark Matter Decay between Phase Transitions at the Weak Scale

Michael J. Baker^{*} and Joachim Kopp[†]



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Dynamic freeze-in: impact of thermal masses and cosmological phase transitions on dark matter production

Michael J. Baker,^a Moritz Breitbach,^b Joachim Kopp^b and Lukas Mittnacht^b



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Variations on the vev flip-flop: instantaneous freeze-out and decaying dark matter

Michael J. Baker^a and Lukas Mittnacht^b

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Filtered Dark Matter at a First Order Phase Transition

Michael J. Baker^{lb, 1,2,*} Joachim Kopp,^{3,4,†} and Andrew J. Long^{lb, 5,‡}



Research Interest 2) Coannihilating Models of Dark Matter



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The coannihilation codex

Michael J. Baker, Joachim Brod, Sonia El Hedri, Anna Kaminska, Joachim Kopp, Jia Liu, Andrea Thamm, Maikel de Vries, Xiao-Ping Wang, Felix Yu, José Zurita¹



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Leptonic WIMP coannihilation and the current dark matter search strategy

Michael J. Baker^a and Andrea Thamm^b

Research Interest 3) Flavour Physics



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Light resonances and the low- q^2 bin of R_{K^*}

Wolfgang Altmannshofer,^a Michael J. Baker,^b Stefania Gori,^a Roni Harnik,^c
Maxim Pospelov,^{d,e,g} Emmanuel Stamou^f and Andrea Thamm^g

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Regular Article - Theoretical Physics

High- p_T signatures in vector-leptoquark models

Michael J. Baker, Javier Fuentes-Martín^a , Gino Isidori, Matthias König

Centre for Dark Matter

Engagement Portfolio

- Dark Matter Day





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