**ICCUB School 2023: Primordial Black Holes** 



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## PBHs from highly non-Gaussian tails of the probability distribution

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It has now become fully realized that the PBH formation depends crucially on the tails of the probability distribution function (PDF) of the curvature perturbation. In this talk, I will review some recently proposed models of inflation in which highly non-Gaussian tails appear in the PDF that can only be computed non-perturbatively, and discuss their implications.

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