

# The automation of choosing of the optimal kinematic variables for discrimination of the electroweak $Z$ gamma production

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In this talk the automation of the search for the variable of interest is discussed. Few different automation techniques was probed. The output distributions obtained with these techniques can be used as an discriminants or the part of the discriminants of the rare high energy physics process. An overview of performance and efficiency for each technique is presented.

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**Session Classification** : Poster session and coffee-buffet

**Track Classification** : Particle physics