## Linear spaces on hypersurfaces

## Julia Brandes

Universität Göttingen, Germany jbrande@uni-math.gwdg.de

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Studying diophantine problems by the circle method is now a well-established way of counting integral solutions to diophantine equations. We will take this procedure one step further and give estimates for the number of higher-dimensional solution spaces. As it turns out, such problems possess an underlying structure that can be successfully exploited, producing estimates stronger than what had previously been expected.