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<http://atlas.mat.ub.es/sga>

Non-Archimedean Monge-Ampere equations

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I will present a joint work with Favre and Jonsson, whose goal is to solve the non-archimedean analogue of Monge-Ampere equations on certain Berkovich spaces by using a variational approach. In order to do so, we develop some aspects of pluripotential theory in this non-archimedean situation, and prove among other things a regularization and a weak compactness theorem for psh functions.
