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**MIGUEL DUMETT**, San Diego State University, USA

*L1 Norm Regularization of the Kirchhoff Standard Migrated Image*

The composition of the Kirchhoff Forward Modeling operator and its transpose, the Kirchhoff Migration operator, applied on a seismic reflectivity map can be inverted by modern optimization techniques, in particular an L1 regularized least squares procedure that achieves a sharper image and better amplitudes than the Classical Standard Migration. Future developments are considered.