On nonlocal Monge—Ampère equations
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We report on recent progress on some nonlocal Monge—Ampère equations. Our results include the interior Harnack inequality for the fractional linearized Monge—Ampère equation (with Diego Maldonado from Kansas State University) and the regularity for the obstacle problem for the Caffarelli--Charro fractional Monge-Ampère equation (with Yash Jhaveri, graduate student at ETH Z\"urich).