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Cover illustration: A relay ramp is beautifully exposed in the aeolian rocks of the Jurassic San Rafael Group in Arches National Park, Utah. The exposure is part of an extensional fault system formed by the crestal collapse of the Salt Valley Anticline. These outcrops form the basis for analogue reservoir modelling and simulation of fluid flow through overlapping fault systems (see Rotevatn *et al.* pp. 45–58). Photography by Atle Rotevatn.