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Artem Pulemotov* (artem@math.uchicago.edu), Department of Mathematics, The University of Chicago, 5734 South University Avenue, Chicago, IL 60637. *Boundary conditions for the Ricci flow.*

The main objective of the talk is to propose new boundary conditions for the Ricci flow. Using these boundary conditions, we will state a series of short-time existence results. (Received September 14, 2010)