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**Weiyong He\*** ([whe@uoregon.edu](mailto:whe@uoregon.edu)), Department of Mathematics, University of Oregon, Eugene, OR 97403. *Sasaki Ricci flow and compact Sasaki manifolds with positive transverse bisectional curvature.*

Sasaki geometry, in particular Sasaki-Einstein manifolds has been extensively studied. Sasaki-Ricci flow is a suitable tool to study Sasaki manifolds which possibly support Sasaki-Einstein metrics. In this talk we would generalize some results in Kahler geometry and Kahler-Ricci flow to Sasaki setting, in particular including Perelman's results in Kahler-Ricci flow, and positivity in Sasaki setting. (Received August 19, 2011)