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Andrei S. Rapinchuk* (asr3x@virginia.edu), Department of Mathematics, University of Virginia, P.O. Box 400137, Charlottesville, VA 22904-4137. *On algebraic groups with the same tori*. Preliminary report.

We will report on some recent developments dealing with the problem of characterizing finite-dimensional division algebras having the same maximal subfields and absolutely almost simple algebraic groups having the same maximal tori. Joint work with V.Chernousov and I.Rapinchuk. (Received January 04, 2015)