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**Enrique R Pujals\***, 365 5th Ave, New York, NY, NY 10016. *Fifty years of the stability conjecture.*

For a dynamicist, stability means in loose terms that the relevant dynamical behavior of a system is actually the same, in some appropriate sense, for all near-by systems. Stable systems have a central role in dynamics, and the stability conjecture formulated by Palis and Smale fifty-two years ago proposes a characterization of them.

We will discuss the meaning of that conjecture, its significance and its current status. (Received January 24, 2020)