Structural Realism 2.0

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In this talk, I focus on the epistemic variety of structural realism. The aim is to explore new sources of support, tackle certain threats, suggest various adjustments, discuss neglected issues, and, finally, try to put things in perspective. In more detail, I will look at: (1) the argument from transmission (found in Poincaré, Russell, Carnap and Quine), (2) the argument from the increased mathematisation of science, (3) the tenability of the structure vs. nature distinction, (4) a particular version of the non-isomorphic models problem, (5) the relationship between the foundations of science and the foundations of mathematics and (6) a round-up of the main challenges. By discussing these issues, I hope that a clearer picture will emerge of the merits, desiderata and limits of epistemic structural realism.