## Representatives of special families <br> Sarah Heuss* USC-Union

In 2017, Hedetniemi asked the question "for which graphs does the indexed family of open neighborhoods have a system of distinct representatives?" The team at large has almost completely exhausted the possible additional graph parameters by which we can define the sets and has reexamined the question as a list-coloring problem. A parallel interpretation of the list assignment problem is discussed, and some new questions are posed.

