

## **Arbitrary orientations of Hamilton cycles in digraphs**

Amelia Taylor (University of Birmingham)

Let  $n$  be sufficiently large and suppose that  $G$  is a digraph on  $n$  vertices where every vertex has in- and outdegree at least  $n/2$ . We show that  $G$  contains every orientation of a Hamilton cycle except, possibly, the antidirected one. The antidirected case was settled by DeBiasio and Molla, where the threshold is  $n/2 + 1$ . Our result is best possible and improves on an approximate result by Häggkvist and Thomason. This is joint work with Louis DeBiasio, Daniela Kühn, Theodore Molla and Deryk Osthus.