## **Slim unicorns**

## Piotr Przytycki

Institute of Mathematics of the Polish Academy of Sciences

We describe unicorn paths in the arc graph and show that they form 1-slim triangles and are invariant under taking subpaths. We deduce that all arc graphs are 7-hyperbolic. Considering the same paths in the arc and curve graph, this also shows that all curve graphs are 17-hyperbolic, including closed surfaces. This is joint work with Sebastian Hensel and Richard Webb.