

---

**GENA HAHN**, Université de Montréal  
*Siblings, twins and self-embedded graphs*

Two graphs are siblings if one embeds into the other; twins are non-isomorphic siblings. Each of the siblings is clearly self-embedded. The conjecture (and its variants and generalisations) is that a countable graph has 0,  $\aleph_0$ , or  $2^{\aleph_0}$  twins. An analysis of disconnected self-embedded graphs leads to a positive answer for many graphs. The conjecture has recently been disproved for trees in a long paper but there are many cases where the conjecture is true and many interesting cases open. In this talk we give a brief survey.