Bridge presentations of links and Heegaard splittings of 3-manifolds

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Abstract. It is known that bridge presentations of links in the 3-sphere are deeply related with Heegaard splittings of 3-manifolds. The speaker has used this relation and studied Heegaard splittings of certain 3-manifolds to obtain several results on bridge presentations of links. In this talk, we give a brief survey on the results and show you how to use the relation.