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We will review the history of the affine Lie algebras and their relations with different areas of mathematics and mathematical physics in the past century. Then we will present a recent construction of the affine Lie algebras from representation theory of finite subgroups of  $SU(2)$ . We will show that Platonic solids appear as the key ingredient of this construction. We will conclude with perspectives of the affine Lie algebras and their new emerging connections to the next layer of structures in mathematics and physics. (Received May 17, 2000)