

*The 14th Seminar on  
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## **On Derived Equivalences of Artin Algebras**

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Let  $\Lambda$  be an artin algebra. In this talk, we will overview the notions of tilting modules and tilting complexes over  $\Lambda$  and, besides, deliver a brief background on derived equivalences of artin algebras. It turns out that these involve some homological dimensions of artin algebras. Some new developments in this direction will also be outlined. The talk is based on a work in progress.