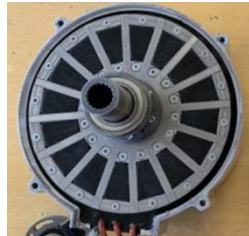
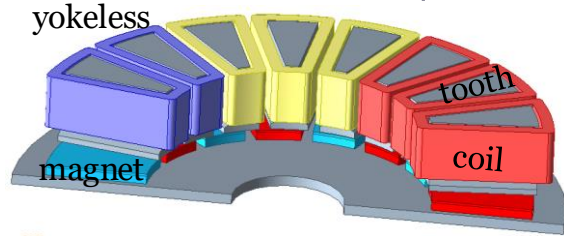
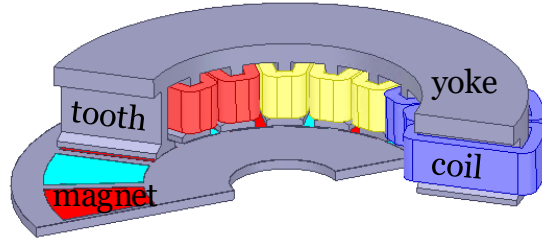


Sustainable axial flux motors for vehicle applications



Parts of ref. machine

Reference AFM and 1/4 models of same size machines with and without a stator



The Goal of the Project: To demonstrate how axial flux machines (AFMs) can be a sustainable alternative compared to the radial flux machine (RFM), with high power density for the propulsion of electric vehicles

Expected Results: Demonstration projects that can be used for further research and teaching regarding scalable electromagnetic numerical models, and suggestions of design solutions in terms of cooling systems and material selections that promote recycling and reuse of components.

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