

## Links between fixed linear model and mixed linear model

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The linear mixed model has strong links with a particular augmented linear model including only fixed effects. This goes back to Henderson's mixed model equations. In this talk we point out that the connection between the two models is actually very straightforward: a mixed linear model can be obtained from the augmented model by a simple linear transformation. This immediately opens up a new viewpoint for studying the relationship between the BLUEs and BLUPs in the two models.

This is a joint work with B. ARENDACKÁ (Physikalisch-Technische Bundesanstalt).