# Interpolating between real and complex asymptotically hyperbolic metrics

## Bruno Premoselli

### (ULB)

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In this survey talk, we will describe one of the research directions pursued in this EoS. We will recall the definitions of asymptotically (complex)-hyperbolic metrics and of Poincaré-Einstein metrics. Moreover, we will discuss one-parameter families of metrics interpolating between real and complex-hyperbolic space, including the example of the celebrated Pedersen family. We will then try to understand how generic this behavior is and describe some open research perspectives.