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## **Supersymmetric Null and Timelike Warped $AdS$ and Strings in $D = 3$ , $N = 2$ Gauged Supergravity and Their Uplift to $D = 6$**

*Thursday, 26 February 2026 14:35 (20 minutes)*

We classify and construct supersymmetric solutions of  $D=3$ ,  $N=2$  gauged supergravity extended with a Fayet-Iliopoulos term. Null and timelike warped AdS spacetimes are seen among them. From the first one, a well-defined black hole can be obtained via periodic identification. We also find charged string solutions that interpolate between two supersymmetric AdS or Minkowski extrema of the scalar potential, one of which corresponds to a horizon with a singularity behind it, and the other determines the asymptotic geometry.

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