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Finding Fun and Fame in Physics with Robots

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Physicist are often sought outside their immediate field for difficult solutions. Perhaps this is not surprising. However it might be unexpected how great the needs for physicists in the broadly cross discipline fields as robotics truly are. In this talk the author will describe being lured to Hollywood, by the need to uncover one of those principles, to find the deeper physical issues behind Panavision's needs for motion control. Then later describe using robotics as a tool to introduce students to physical concepts. Robots are excellent tools to focus student interest, both in General Ed courses, and graduate level electronics courses. In this vein, the author will try to highlight, "Where's the Physics in Robotics?"