



Contribution ID: 132

Type: **not specified**

## Energy model accuracy

*Wednesday, 14 September 2022 16:25 (25 minutes)*

Energy-aware scheduling (EAS) introduced a simply, yet at that time, effective energy model to help guide task scheduling decisions and DVFS policies. As CPU core micro-architecture has evolved the error bars on the energy model to grow potentially leading to sub-optimal task placement. Are we getting to the point where we need to enhance the energy model, or look at new ways to bias task placement decisions?

### **I agree to abide by the anti-harassment policy**

Yes

**Primary author:** RASMUSSEN, Morten (Arm)

**Presenter:** RASMUSSEN, Morten (Arm)

**Session Classification:** Power Management and Thermal Control MC

**Track Classification:** LPC Microconference: Power Management and Thermal Control MC