CALL FOR PARTICIPATION

Introduction

The continuous pursuit of increasing performance in computing has resulted in the discovery of various methodologies for designing computers customized across various important application domains. However, such methods have largely neglected sustainability and in particular, their impact on the environment and energy resources of the planet. It has been shown that the embodied environmental cost of integrated-circuit (IC) manufacturing can often exceed its operational footprint. We will have a series of invited talks from experts from diverse fields with deep insights on these aspects that ultimately affect the sustainability of computing resources. Following these position talks, we will host an in-person workshop bringing computing researchers together to discuss how sustainability can be incorporated into different types of computing devices from small Internet-of-Things (IoT) devices to servers and large warehouse-scale data centers.

Organizing Committee

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