

Future Research Opportunities at the MOC Roundtable

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Overview

The goal of this roundtable is to understand how we can position the MOC so that it is a uniquely valuable resource for cloud infrastructure research. To do so, we will 1) obtain input from researchers on their research and how the MOC could embolden or enrich their work and 2) obtain input on upcoming research trends and how the MOC should position itself to facilitate work in these areas. We will start by discussing participants' research interests and upcoming trends in areas already being explored by the MOC. This includes networking, cross-layer monitoring/debugging, datacenter support for big-data analytics, security/privacy in multi-party environments, specialized hardware for cloud applications, and bare-metal provisioning. We will then seek input on areas not being explored by the MOC, which may represent missed opportunities. Participants are encouraged (but not required) to come prepared with a list of research topics or trends that they would like to discuss.