



Contribution ID: 8

Type: **not specified**

## Containers and Checkpoint/Restore MC

The Containers and Checkpoint/Restore Microconference focuses on both userspace and kernel related work. The micro-conference targets the wider container ecosystem ideally with participants from all major container runtimes as well as init system developers.

Contributions to the micro-conference are expected to be problem statements, new use-cases, and feature proposals both in kernel- and userspace.

Containers topics:

- User namespace improvements
- System call interception
- LSM improvements and LSM namespacing
- CGroup2 transition, emulation and future extensions
- Memory isolation

Checkpoint/restore topics:

- CRIU and hardware security features
- Restartable sequences (rseq()) support
- Shadow stacks support
- GPU support (and other directly accessed hardware)
- Checkpoint/Restore standardization effort (driven by HPC)
- Kubernetes support

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**Track Classification:** LPC Microconference Track (CLOSED)