

New trends and R&D are looking at lean and lightweight Operating Systems, test new algorithms that scale and save power and seem to be more than just optimisation. How would the integration be to applications: are virtualisation and Docker going to survive?

- It seems that the diversity in non-application level software like tools and OSes, increases. Can we ever expect to see a more stable environment?
- Secure, reliable, stable, scalable to exascale and beyond: are we asking too much? Should review the paradigms from last 70 years?
- Software technology comes and goes, but at an accelerated pace. Compatibility is often down the drain. Should users demand backward compatibility?
- Where are we going? Do we need a stack for HPC and other for IoT / C@E or will converge? Any predictions for 5-, 10-, 20 years?