CHPC
CENTRE FOR HIGH PERFORMANCE COMPUTING

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Striving to the End-User HPC Sweet Spot: Altair Perspective

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HPC technology is advancing more rapidly than at any time in the history of computing. Exa-scale compute frameworks will start to emerge in the coming years and will offer enormous raw compute power. Coupled with this, various commercial vendors are developing user-centric HPC business models in the cloud to drive access to these capabilities. The potential of this technology to help solve real-world problems and advance our understanding of the physical world that we live in is clear. As HPC technologists we should ask ourselves the question: How can we make HPC technology ubiquitous in the general computing frameworks of end-users of the technology?

HPC content

This talk offers Altair's perspective on how to strive towards the end-user sweet spot in HPC. Questions to be addressed in the talk include:

- How can end-users of HPC be abstracted from the core technology with simple workflows that fit easily into their daily business?
- How can we offer "infinite compute power" to end-users of HPC, mindful of real world financial and operational constrains?
- How can end-user focused technologies leverage CSIR's investment in CHPC?

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