

# VSC: OpenMP course — Agenda — 1<sup>st</sup> day

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- 9:00 **Registration & Welcome**
- 9:15 **Introduction to modern hardware** (talk)
- 10:15 **OpenMP – Overview** (talk)
- 10:55 **Coffee**
- 11:15 **Execution model** (talk+practical)
- 12:45 **Lunch**
- 13:45 **Worksharing directives** (talk+practical)
- 15:15 **Coffee**
- 15:35 **Data environment** (talk+practical)
- 16:20 **Summary** (talk) + **Q & A**
- 16:40 **End (of 1<sup>st</sup> day)**



Agenda

Lukas Einkemmer (Department of Mathematics, University of Innsbruck)



[1] Slide 1 / 2

VSC Training Course: Shared memory parallelization with OpenMP

# VSC: OpenMP course — Agenda — 2<sup>nd</sup> day

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- 9:00 **Pitfalls** (talk)
- 10:00 **Intel Inspector XE** (short talk+practical)
- 10:45 **Coffee**
- 11:05 **Heat example** (talk+practical)
- 12:30 **Lunch**
- 13:30 **OpenMP 4.0 and 4.5 Extensions** (talk)
- 14:15 **Advanced topics in OpenMP** (talk)
- 15:00 **Coffee**
- 15:20 **Advanced topics in OpenMP** (practical)
- 16:20 **Q & A**
- 16:40 **End (of course)**



Agenda

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[1] Slide 2 / 2

VSC Training Course: Shared memory parallelization with OpenMP