







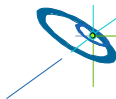


5-Day-PATC-Course — *Beginners* — 3rd day (Wednesday)

Shared Memory Parallelization with OpenMP

- 8:30 **OpenMP – Overview and execution model** [7+7a] (talk+practical) 
- 9:30 **OpenMP – Work sharing directives** (talk+practical) 
- 10:30 **Coffee**
- 10:45 **OpenMP – Data environment** (talk+practical) 
- 11:30 **OpenMP – Summary and Pitfalls** (talk) 
- 12:30 **Lunch**
- 13:30 **Verifying an OpenMP parallelization with the Intel Thread Checker** [8a] (t+p) 
- 14:30 **Coffee**
- 14:45 **OpenMP – heat example** [7, slide 92ff] (practical) 
- 16:00 **Coffee**
- 15:15 **OpenMP – Performance tuning and OpenMP** [22] (talk+practical) 
- 17:30 **Visualization: Hybrid prototypes** [30] (talk and demo in the “cave”)
- 18:00 **End** 

After the course: You can visit the Cave and the computer room



Introduction Rolf Rabenseifner
[1] Slide 12 (5d) Höchstleistungsrechenzentrum Stuttgart

H L R I S 