

Biweekly MSc Thesis Progress Presentation – Lukas Strebel

October 3, 2018



CSCS

Centro Svizzero di Calcolo Scientifico
Swiss National Supercomputing Centre



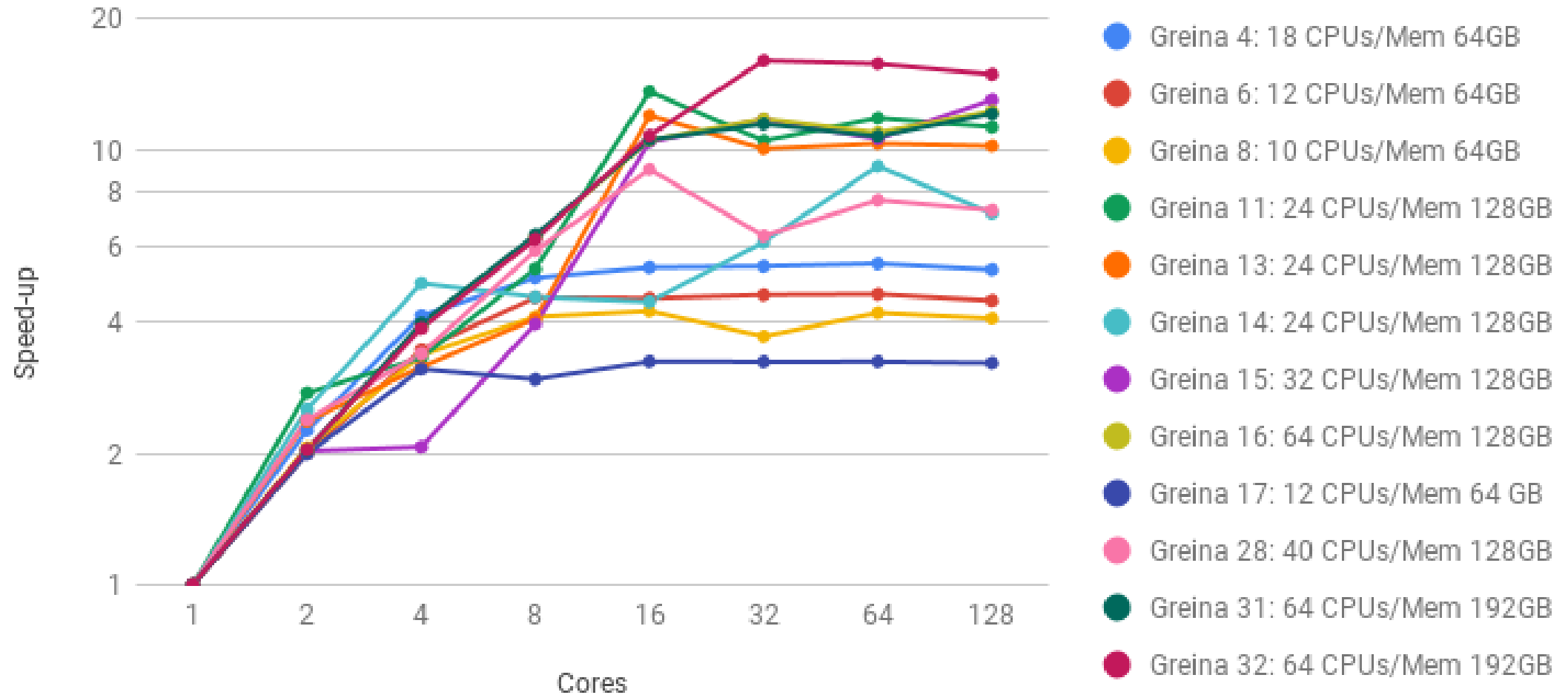
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Status

- All nodes measured 1,2,4,8,16,32,64,128 tasks at least 1 time
 - More measurements are running whenever nodes are available
- Dynamic load balancing: Greina6 / Greina32
 - 4 Measurements for uniform weighted, dynamically weighted load balancing
 - 0 Measurements for randomly distributed comparison

Single node experiments

Speed-up



Thesis text

- Everything except: Abstract, conclusion
- Dynamic load balancing section still changing with new experiments
- Stefano has given me feedback
 - Already corrected some section, will keep overleaf up to date.

Last Milestones

October 1 – Complete Thesis for reviews

October 15 – Complete Thesis document incl. reviews.

October 20 – Thesis text submission to Thomas Schulthess

November 13 – Thesis text submission to ETH (Deadline)