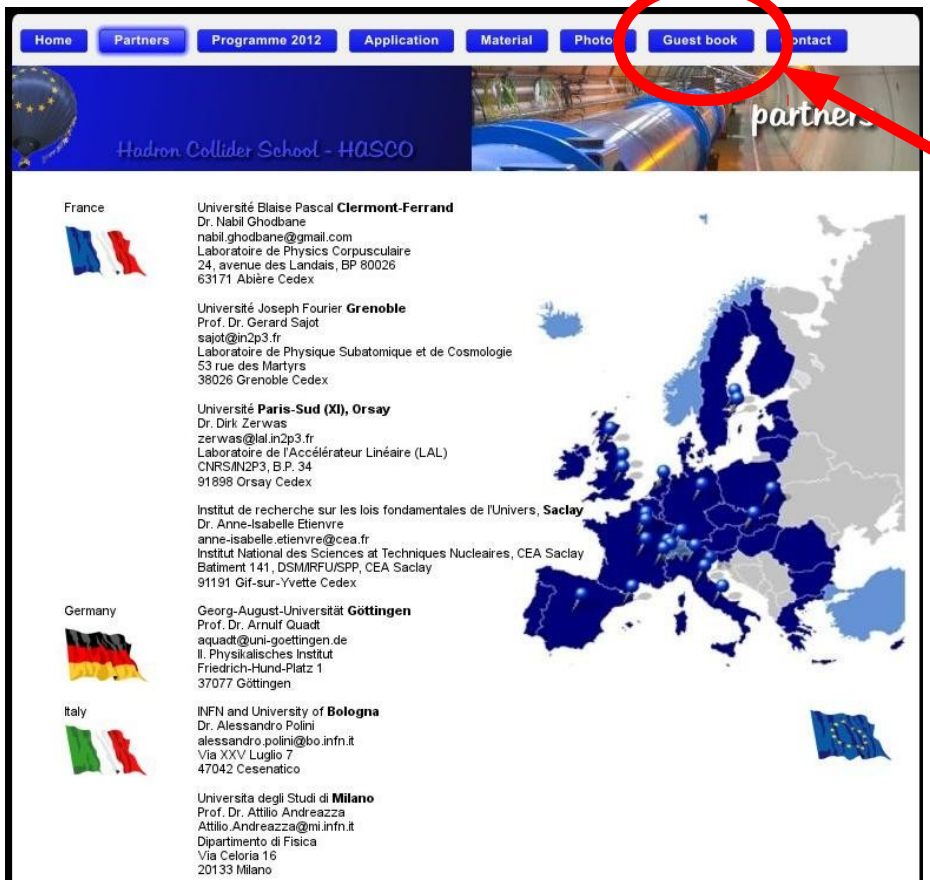
HASCO School 2013 - summary

Arnulf Quadt

Georg-August-Universität Göttingen

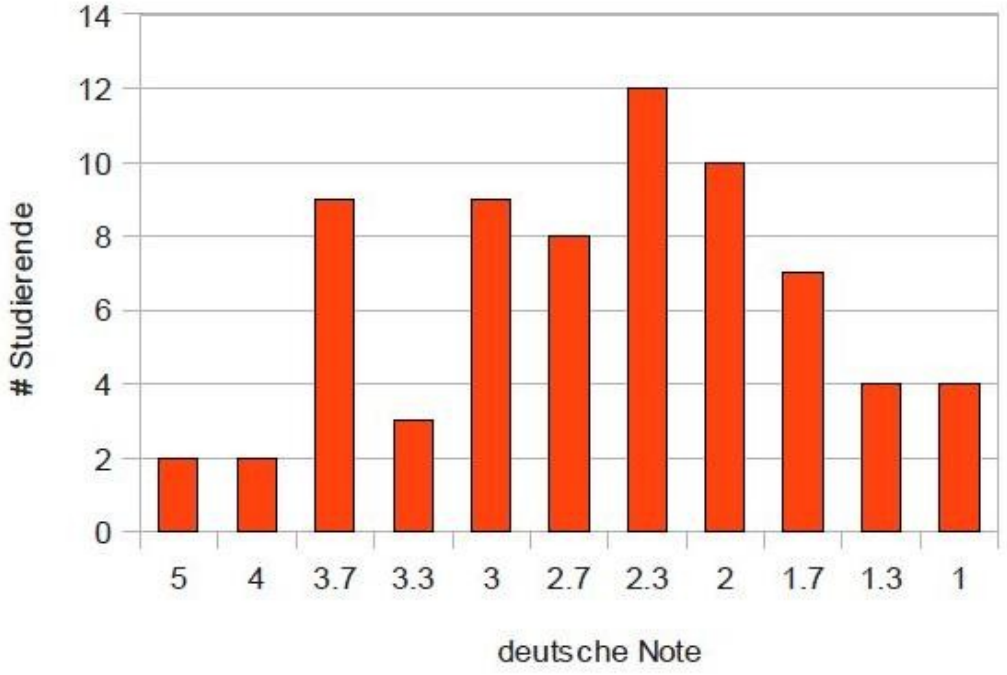


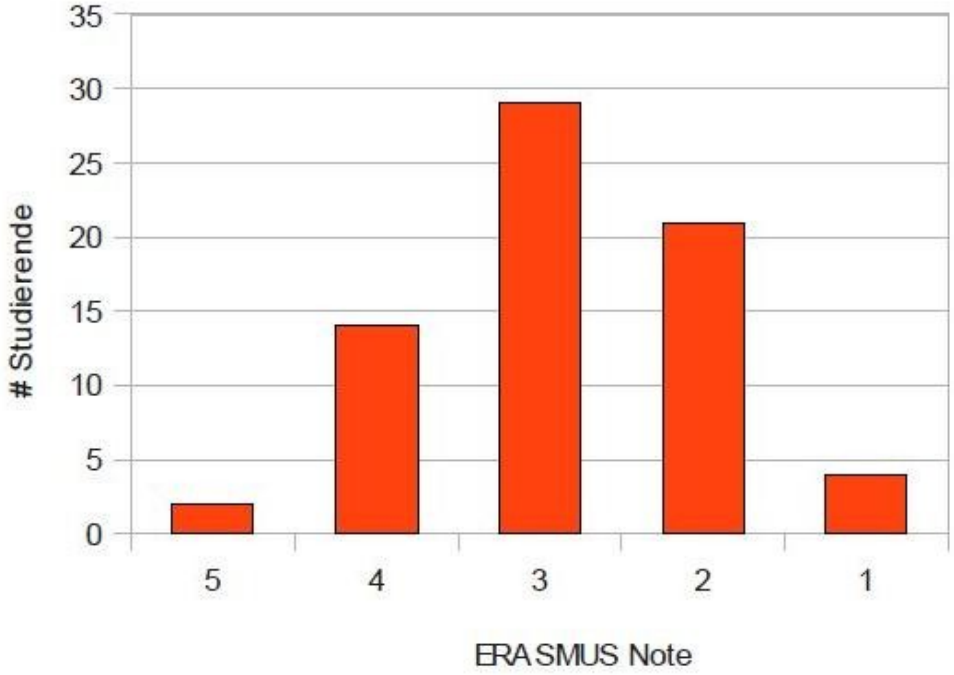
+ Japan & Canada

please leave comments in guestbook

Evaluation

Exam results





1=A, 2=B, 3=C, 4=D, 5=E

Punkte bis		Note (A-E)	# Pers.
0	6.5	5	2
7	15	4	14
15.5	24	3	29
24.5	32.5	2	21
33	999	1	4

A la tomba di Gauss ...

Arnulf, did you know that Mount Brocken has played
a curios role in the history of Physics?

"In 1813, Gauss, knowing that in a curved space the angles
a triangle do not add to 180°, measured the angles of a triangle
based by three mountains -- the Brocken, the Hohehagen and the
Inselberg. He obtaine a sum 15 seconds of arc greater than 180°.
If correct, this indicated that space (in that region, at least)
was positively curved. But you'd need a far larger triangle, and far
more accurate measurements, to eliminate observational errors. So
Gauss's observations were inconclusive."
("17 equations that changed the world" by Ian Steward,
book I bought Monday in Frankfurt without knowing it was
going to mention Mount Brocken)

Essentially this experiment is on the same foot of
Galileo's one trying to measure the speed of light
with lanterns in top of Tuscany hills...

I hope to find more material on that measurement in order to understand
Gauss's uncertainty analysis.

[perhaps you could tell the little story saying goodbye to
the students, so that could review Mount Brocken trip
with difefrent eyes]

Good night,

Giulio

That was HASCO 2013