NAF queue setup

> Different queues exist to benefit shorter running jobs over long running ones

> The longer the maximum runtime of a queue, the less cores on a node can be used simultaneously:

Queue	Maximal host occupancy
48h.q	75% (6 slots on 8 core host)
12h.q	87,5% (7 slots on 8 core hosts)
1h.q	100%
15m.q	125% (cpu oversubscription)

> Special queues:

Queue	Use case
7d.q	Job runtime > 48 hours, only available on some nodes
proof.q	Parallel jobs spread over more than one host (e.g. PROOF)
multicore.q	Multithreaded jobs (e.g. OpenMP)

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Outline

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> The NAF blueprint

> How does the login work – a short introduction

> The NAF interactive work group servers

> The NAF batch system

> The NAF storage systems

> NAF support – how to get help ...

> Some tips how to use the resources best

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