




Grid Computing - Introduction -

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Forschungszentrum Karlsruhe

Institute for Scientific Computing (IWR)

- Part of the „Helmholtz Gemeinschaft“
- One of the largest independent German research institutions
- Many different research areas ranging from environmental studies over nano technology to Grid Computing


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Agenda

- Introduction
- Definitions of Grid Computing
- First use case
- Grid Components
- Security and the Globus Toolkit
- Webservices, GT4
- Standards and Initiatives
- Grid Middlewares
- Applications
- Summary and Discussion




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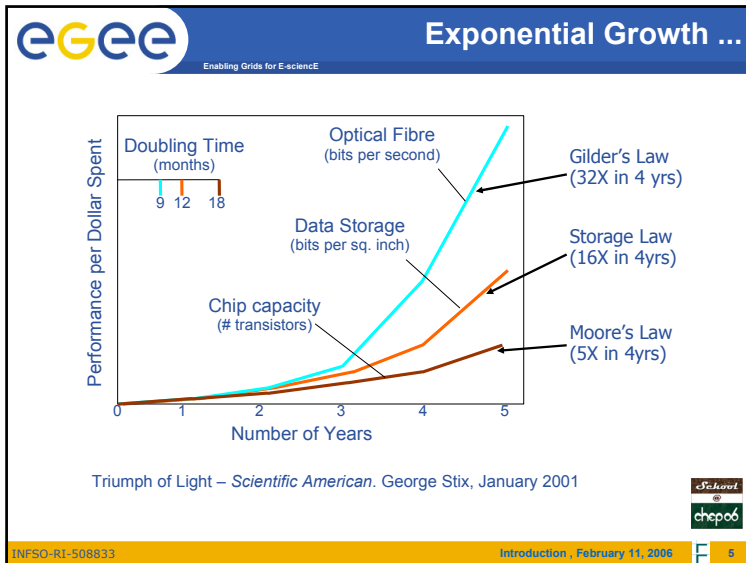


Grid Computing: Why ?



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Evolution

„When the network is as fast as the computer's internal links, the machine dis-integrates across the net into a set of special purpose appliances“

(Gilder Technology Report, June 2001)

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