

The background image shows a wide-angle view of a university campus. In the upper left, a tall, modern glass building with a red vertical stripe stands against a clear blue sky. Below it, a paved path leads through a green lawn. A group of about ten people is gathered on the path, some sitting on the ground. In the distance, more campus buildings and trees are visible under a bright sky.

Cloud Computing: Intro and Programming Models

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Home page

- www.pds.ewi.tudelft.nl

Publications

- see PDS publication database at publications.st.ewi.tudelft.nl

Why Cloud Computing?

- Application/Media/Web Hosting
- E-Commerce
- On-Demand Workforce and CRM
- Resources: Computation, Backup and Storage, etc.
- High-Performance Computing
- Search



Source: <http://aws.amazon.com/solutions/case-studies/>

Course Goals

- Explain basic concepts, objectives, and functions of cloud computing
 - Lecture, part 1
- Implement complex HPC applications using cloud computing
 - Lecture, part 2
 - Lab exercises
- Analyze state-of-the-art in cloud computing
 - Possible assignment – your ASCI course homework