

 science + computing

Tech Forum

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HPC Cloud & As-a-Service

# Welcome

A deep dive into modern HPC for  
Simulation, Deep Learning & Analytics



**Matthias Schempp**





Vorstand / Executive Board  
science + computing AG



**Marcus Camen**

Chief Technology Officer  
Atos science + computing

science + computing  
A team of 360 experts to accelerate your innovation pace

-  Enabling engineers with bespoke IT Services & Platforms for product development, simulation and validation
-  Orchestrating business-critical infrastructures with advanced technologies
-  Designing user-focused end-to-end solutions with high customer intimacy
-  Providing business-driven solutions build on in-depth industry expertise



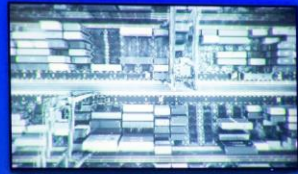




WORLD ECONOMIC FORUM  
COMMITTED TO IMPROVING THE STATE OF THE WORLD

# Annual Meeting 2022

WORLD ECONOMIC FORUM  
COMMITTED TO IMPROVING THE STATE OF THE WORLD



A panel discussion is taking place on a circular stage. The stage floor features the World Economic Forum logo and the text "COMMITTED TO IMPROVING THE STATE OF THE WORLD".

Participants seated on the stage include:

- A woman in a black dress on the far left.
- A man in a maroon shirt.
- A woman in a bright green suit with a nameplate that reads "LIN XUELING".
- A woman in a light blue top with a nameplate that reads "NIINAN".
- A man in a dark suit.
- A man in a dark suit on the far right, who appears to be moderating.

Other people are seated in the background, some wearing face masks. A large professional camera on a dolly is positioned on the left side of the stage.

# Atos s+c Tech Forum

## Insight for your IT strategy



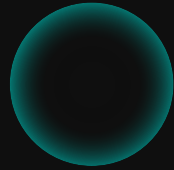
A place  
to learn about emerging technologies and IT methodologies



A place  
where you will be updated on the beyond-the-hype best practice IT solutions



A place  
for an exchange with our experts outside your daily routine



A place  
to meet and engage with your peers in the industry

Atos science + computing Tech Forum  
High End Scale-Out Datamanagement

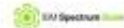
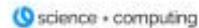


## Welcome

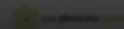


### A dive into the world of advanced Software Defined Storage

Technologies Best Practices Hands-on Experience Challenges



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# High Performance Computing

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On-Prem /  
Cloud

As-a-Service  
Models

Unified Simulation /  
AI / Analytics

Security /  
Compliance

Container /  
Kubernetes

On-Demand /  
Bursting



1:00 pm –  
1:15 pm

## Welcome

Matthias Schempp, Vorstand / Head of Atos science + computing

1:15 pm –  
2:00 pm

## HPC Cloud & As a Service - Key to flexible high-end IT resources or insecure cost-trap?

Marcus Camen, Chief Technology Officer

2:00 pm –  
2:30 pm

## Nimbix – Unified On Demand HPC As a Service

Steve Hebert, VP Global Head of Atos Nimbix HPC Cloud Competency Center

3:00 pm –  
3:30 pm

## Container & Kubernetes HPC - Hands-on deep dive to modern simulation, AI & analytics

Janina Dynowski, Head of science + computing Nimbix Cloud  
Holger Gantikow, Chief HPC Landscape Architect

3:30 pm –  
4:00 pm

## Cloud Security - Is your engineering data at risk?

Peter Curth, Head of Atos Cloud Operations

4:00 pm –  
4:30 pm

## Panel Discussion - Pitfalls and best practices

Open Panel

# Your Team for Today

## Steve Hebert

VP Global Head of  
Atos Nimbix HPC Cloud Competency Center



Steve started in technical sales in semiconductors. Today, he is a technology industry veteran with a strong track record of operational execution at both startup and large companies.

In 2010, Steve founded cloud supercomputing company, Nimbix, Inc. which was acquired in July of 2021 by Atos.

## Janina Dynowski

Head Atos s+c HPC Cloud



With several years of experience in orchestrating HPC environments, Janina manages the European based Atos nimbix.eu HPC Cloud.

She supports customers in finding the Public / Private / Hybrid HPC environment that best fits their needs and assists in implementing the right solution based on individual requirements.

## Holger Gantikow

Chief HPC Landscape Architect



His heart beats for state-of-the-art technologies and their seamless integration into existing HPC IT environments.

Together with his team of students, he contributes to the scientific research on HPC container technologies and how end users benefit from them.

## Peter Curth

Head of Atos Cloud Operations



Operations of business critical cloud environments is Peter's passion. He is also experienced in threat protection and security incident response.

From his daily work life at Atos Cloud Operations, he will share insights on pragmatic Cloud security.

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## Migration Cheat Sheet - Pitfalls and best practices

Open Panel