

Timetable 2nd HPC/QC Symposium – International Conference

Wednesday, January 11th, 2023



<u>Time</u>	<u>Keynote speaker</u>	<u>Company</u>	<u>Title of presentation</u>
08:00	Prof. Dr. Helena Liebelt CIO	Deggendorf Institute of Technology	Welcome
08:05 – 08:40	Laura Schulz Acting Department Head, QC and Technologies	Leibniz Rechenzentrum	Keynote : Quantum accelerated computing at LRZ
08:45 – 10:05	Dr. Thomas Warschko Technical Director Extreme Computing Germany	Bull GmbH	System Design
10 min.	coffee break		
10:15 – 11:00	Dr. Markus Rampp Deputy director & Head of HPC applications divisions	Max Planck Computing and Data Facility (MPCDF)	Keynote : Scientific computing in the exascale era: challenges and opportunities
11:05 – 12:30	Dr. Michael Klemm Principal Member of Technical Staff	Advanced Micro Devices GmbH (AMD)	CPU Technology
12:30 – 13:20	Lunch break		
13:20 – 14:40	Dr. Jean-Thomas Acquaviva Research Team Leader	DDN	Identify requirements for data management in an AI application for healthcare
14:40 – 16:00	Dr. Christian Otto Sales and Marketing Manager	OptWare GmbH	Productive use of quantum computers: Solutions for highly complex optimization tasks
10 min.	coffee break		
16:10 – 17:30	Dr. Michael Bauer Senior IT Consultant	science + computing ag / Atos	Quantum computing with the (my)QLM



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Thursday, January 12th, 2023

<u>Time</u>	<u>Keynote speaker</u>	<u>Company</u>	<u>Title of presentation</u>
08:00	Prof. Dr. Helena Liebelt CIO	Deggendorf Institute of Technology	Welcome
08:10 – 08:40	Dr. Andreas Böhm Project Manager Technology	Bayern Innovativ GmbH – Thinknet Quantentechnologie	Keynote : From Quantum into the "real world" – entangle with industry!
08:50 – 10:10	Rod Evans EMEA Director	Nvidia Limited	The convergence of HPC and AI
10 min.	coffee break		
10:20 – 11:50	Dr. Herbert Huber High Performance Systems Department Head	Leibniz Rechenzentrum	Direct warm Water Cooled (DWC) HPC Architectures & required Cooling Water Treatment
12:00 – 13:00	Lunch break		
13:00 – 14:20	Axel Auweter Managing Director / CTO	Megware Computer Vertrieb und Service GmbH	Hot Weather - Cold Hardware...? Trends and technologies for cooling HPC and QC
10 min.	coffee break		
14:30 – 15:50	Andreas Braidt Managing Director / CEO	Hartl Group	Controlling / Monitoring Asset Management
10 min.	coffee break		
16:00 – 17:00	Intel [®] Quantum Computing Challenge	Announcement of winners and award ceremony	

