

10/11 April 2024 ZURICH



DATA CENTER
CONVENTION

ENERGY AND DATA FLOW - THE

DIGITIZATION FUEL



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Four sessions for developers, planners, and operators of energy-intensive special properties who need to reconfigure their concepts in light of the new conditions in the energy sector.

Session 1: The Goal: Accelerating Decarbonization

Session 2: The Challenge: Reducing Complexity

Session 3: The Key Ingredient: Energy-Efficient Cooling

Session 4: The Vision: Integrating Data Centers & Smart Cities

Register now: www.powerbuilding.eu

10 APRIL 2024:

08:15	Reception and Registration of Participants with Coffee and Pastries
09:00	Welcome & Opening Krassimira Bojinowa, Projektleitung, PowerBuilding
09:15	Prologue: A Compact Introduction to Thermodynamics Dr.-Ing. Henner Kerskes, IGTE Institute for Thermodynamics, University of Stuttgart
SESSION I: THE GOAL: ACCELERATING DECARBONIZATION (9:45 AM - 1:00 PM)	
09:45	Decarbonization and Supply Security – Is this a contradiction? Dr. Michel Piot, Energy Economist, VSE
10:15	The altered grid quality due to the energy transition and the Net-Zero Goal requires an update of your supply concepts. Future-proof UPS Concepts are scalable, efficient, and above all, highly available. Ing. Thomas Ott, Area Sales Manager, Piller Power Systems/Bimex
10:40	Break - Meet Colleagues & Experts in the Foyer
11:40	Energy Independence, Predictability and Redundancy for Buildings based on Self-Generated Green Hydrogen Moritz Weikert, Project Engineer, INFENER AG
12:00	Lightning and Surge Protection for Data Centers and Complex Building Infrastructures Andreas Fink, Corporate Portfolio Manager Building, Dehn SE
12:20	Panel Discussion (with Audience Participation): Net-Zero – Utopia or Reality Details of the speakers on the panel can be found online at www.PowerBuilding.eu
13:00	Lunch
SESSION II: THE CHALLENGE: REDUCING COMPLEXITY (2:00 PM - 4:30 PM)	
14:00	Does your Data Center meet Sustainability Compliance according to EU EED (Energy-Efficiency Directive)? Michael Tuttas, Sales Director D/A/CH, Nlyte
14:30	From Micro to Giga to XXXL: Complex Systems defy Simple Solutions Benno Schnider, Mandate Manager, 7pro solution ag
15:00	Break - Meet Colleagues & Experts in the Foyer
15:30	Mission Completed – High Availability, Economy and Ecology combined - or how Data turns into Cheese Christoph Baumgärtner, CEO, Rechenzentrum Ostschweiz
16:00	Apéro – with a Speech: Tropical Creatures from Inland - or Heat Waste doesn't need to be destroyed Harry Deschwanden, Project Manager, SwissShrimp
17:30	End of Day 1

THE SPEAKERS:

- Christoph Baumgärtner, CEO, [Rechenzentrum Ostschweiz](#)
- Martin Casaulta, CTO, [Hewlett Packard Enterprise](#)
- Harry Deschwanden, Project Manager, [SwissShrimp](#)
- Jean-Christophe Duisit, Global Head of IT Cooling, [Stäubli AG](#)
- Andreas Fink, Corporate Portfolio Manager Building, [Dehn SE](#)
- André Flückiger, CEO, [eicher + pauli](#)
- Thomas Hofbauer, Senior Consulting Edge Computing, [RUL AG/ Schäfer IT-Systems](#)
- Stefan Kauer, Vertriebsingenieur, [grundfos](#)
- Andreas Kaiser, Project Manager Wärmenetze, [Goodmen Energy](#)
- Dr.-Ing. Henner Kerskes, IGTE, [University of Stuttgart](#)
- Tony Kluser, Head of Development Transformation, [Energie 360°](#)
- Florian Mendle, Leiter der Zweigniederlassung Opfikon Schweiz, [LINDNER](#)
- Steffen Mönch, Innovation Manager Quartiersentwicklung, [EnBW](#)
- Ing. Thomas Ott, Area Sales Manager, [Piller Power Systems/Bimex](#)
- Chrisowalantis Papageorgiadis, Sales Manager, Commercial Building Services Schweiz, [grundfos](#)
- Dr. Michel Piot, Energy Economist, [Verband Schweizerischer Elektrizitätsunternehmen VSE](#)
- Daniela Quitadamo-Bondallaz, Head of Sales Real Estate, [Getec.Park swiss](#)
- Benno Schnider, Mandate Manager, [7pro solution ag](#)
- Thomas Tauer, CEO, [akquinet data center competence](#)
- Michael Tuttas, Sales Director D/A/CH, [Nlyte Software](#)
- Moritz Weikert, Project Engineer, [INFENER AG](#)

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HOTEL BELVOIR RÜSCHLIKON



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11 APRIL 2024:

08:15	Reception and Registration of Participants with Coffee and Pastries
09:00	Welcome & Opening Krassimira Bojinowa, Projektleitung, PowerBuilding
SESSION III: THE KEY INGREDIENT: ENERGY-EFFICIENT COOLING (9:05 AM - 1:10 PM)	
09:05	Optimization of Edge IT Infrastructure: Focusing on Cooling, Power Supply and Monitoring Thomas Hofbauer, Senior Consulting Edge Computing, RUL AG/Schäfer IT-Systems
09:30	Water cooling of Datacenter - opportunities and challenges Jean-Christophe Duisit, Global Head of IT-Cooling, Stäubli
09:50	Possibility in every drop – Waste Heat Utilization in Data Centers and Energy Savings through system efficiency optimization Stefan Kauer, Sales Engineer and Chrisowalantis Papageorgiadis, Sales Manager, Commercial Building Services Switzerland, grundfos
10:15	Meet Colleagues & Experts in the Foyer
11:10	The Potential of Swiss Lakes and Rivers for Cooling Energy-Intensive Properties André Flückiger, Director, eicher + pauli
11:40	Never change a running system, or why we're sticking to the proven cooling concept for the construction of our third Hamburg Data Center Thomas Tauer, CEO, akquinet data center competence Hamburg
12:10	Panel Discussion (with Audience Participation): With a Keynote Speech: How efficient are Data Centers really? Does PUE accurately reflect reality, or can efficiency and emissions be measured holistically? Martin Casaulta, CTO, Hewlett Packard Enterprise
13:10	Lunch
SESSION IV: THE VISION: INTEGRATING DATA CENTERS & SMART CITIES (2:15 PM – 5:30 PM)	
14:15	Successful Energy Network Development with Waste Heat from Data Centers – Success Factors using the example of the Dielsdorf Project Tony Kluser, Head of Development Transformation, Energie 360°
14:45	Data-Heat Coupling: How Data Centers can make a significant contribution to municipal district heating networks Daniela Quitadamo-Bondallaz, Head of Sales Real Estate, GETEC PARK SWISS
15:15	Meet Colleagues & Experts in the Foyer
15:45	Sustainable Areas and Districts from the Perspective of the Energy Industry Steffen Mönch, Manager Expansion, Urban Infrastructure & District Development, EnBW Innovation
16:15	Circular Economy – Realizing a Vision Florian Mendle, Head of Branch Opfikon Switzerland, LINDNER
16:45	Panel Discussion (with Audience Participation): Areas and Districts Are the Future, So How Do We Involve Existing Buildings? Andreas Kaiser, Project Manager Heat Net, Goodmen Energy Tony Kluser, Head of Development Transformation, Energie 360° Steffen Mönch, Manager Expansion, Urban Infrastructure & District Development, EnBW Innovation Daniela Quitadamo-Bondallaz, Head of Sales Real Estate, GETEC PARK SWISS
17:30	End of Day 2

OUR DIALOGUE PARTNERS:



energie360°



Registration at www.powerbuilding.eu

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