

## Main Program Carnot User Meeting 2024

Date	Time	Description	Catering	Remarks
Wed., 26.06.24	19h00 – 22h00	<b>Carnot User Meeting 2024 Coming together</b>	Dinner/Drink at a restaurant in Basel *)	Location: tbd
Thurs., 27.06.24	09h00 – 12h30	<b>Carnot User Meeting 2024</b>  <b>Part 1: State-of-the-Art Simulation Tools for Buildings and HVAC Systems / Overview</b>  Simulation of Buildings Building Energy Modelling  Simulation of HVAC Systems  Simulation of Heat Pumps and Heat Pump Systems with various Simulation Programs	Lunch at the Campus Canteen *)	Language: EN  Location: Campus MuttENZ, FHNW, CH
	14h00 – 17h30	<b>Part 2: Carnot Toolbox for Matlab/Simulink</b>  Introduction / Basics / Concepts / Blocks  Simulation of heat pumps and heat pump systems with the Carnot Toolbox (Examples from industry and research)  Applications of the Carnot Toolbox: Carnot UIBK, Almbuild  Mathworks / Tools / Applications / Simscape		
	19h00 – 22h00	<b>Carnot User Meeting 2024 Dinner</b>	Dinner at a restaurant in Basel *)	Location: tbd
Fri., 28.06.24	09h00 – 14h00	<b>Part 3: Carnot Expert Workshop</b>  Carnot development, new blocks, modelling approaches, simulation and validation, best practice solutions, heat pump control, simplified and detailed hydraulics, Co-simulation	Lunch at the Campus Canteen *)	Language: EN  Location: Campus MuttENZ, FHNW, CH

\*) at own expense

### **CARNOT**

**Conventional And Renewable eNergy systems Optimization Toolbox**

<https://ch.mathworks.com/matlabcentral/fileexchange/68890-carnot-toolbox>

<https://www.fh-aachen.de/forschung/institute/sij/carnot>