



CALL FOR PAPERS

ICPHCD 2022
Oct 04-05, 2022
Tbilisi, Georgia

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICPHCD 2022 : International Conference on Passive House Construction and Design is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Passive House Construction and Design. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Passive house design and construction
Passive house design fundamentals
Climate-specific passive building standards
Low energy and passive design
Passive solar home design
Super insulated envelopes
Methods for achieving extreme air tightness
Passive house quality windows
Leading ventilation design principles
Passive house economics and costs
Renewable and sustainable energy supply
Ventilation and indoor air quality
Building envelope: components and trades

Climate adaptation
Passive house retrofits
Building materials in focus
Fire and sound protection in passive house buildings
Architecture and aesthetics
Backup heating systems for passive solar houses
Cutting-edge research and development
Designing a passive-solar home for a hot climate
Economics of energy efficient construction
Green home building
Heat recovery ventilation system
Heating and cooling the passive house
Passive cooling and heating