

# Shaping the fate of low-carbon cement science



Monte Verità Congress Center,  
Ascona, Switzerland

29<sup>th</sup> June to 4<sup>th</sup> July, 2025

The conference brings together experts from various fields like cement chemistry, physics, materials science, and civil engineering to discuss the main scientific challenges to the more spread use of low-carbon cement and concrete.

The conference will connect basic science with real-world challenges in using low-carbon materials. The main goal is to create a plan for the important scientific work still needed to reach the goal of having a net-zero concrete industry by 2050.

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The conference marks the 20<sup>th</sup> anniversary of the previous event “Nanostructure and transport processes in cementitious materials”. This event will cover similar scientific areas but with a distinct orientation towards decarbonization, which is the most pressing concern of the cement and concrete industry for the next 30 years.

The main sessions are aligned with strategic, outstanding areas where scientifically challenging questions remain, regarding low-carbon cement.

### Topics:

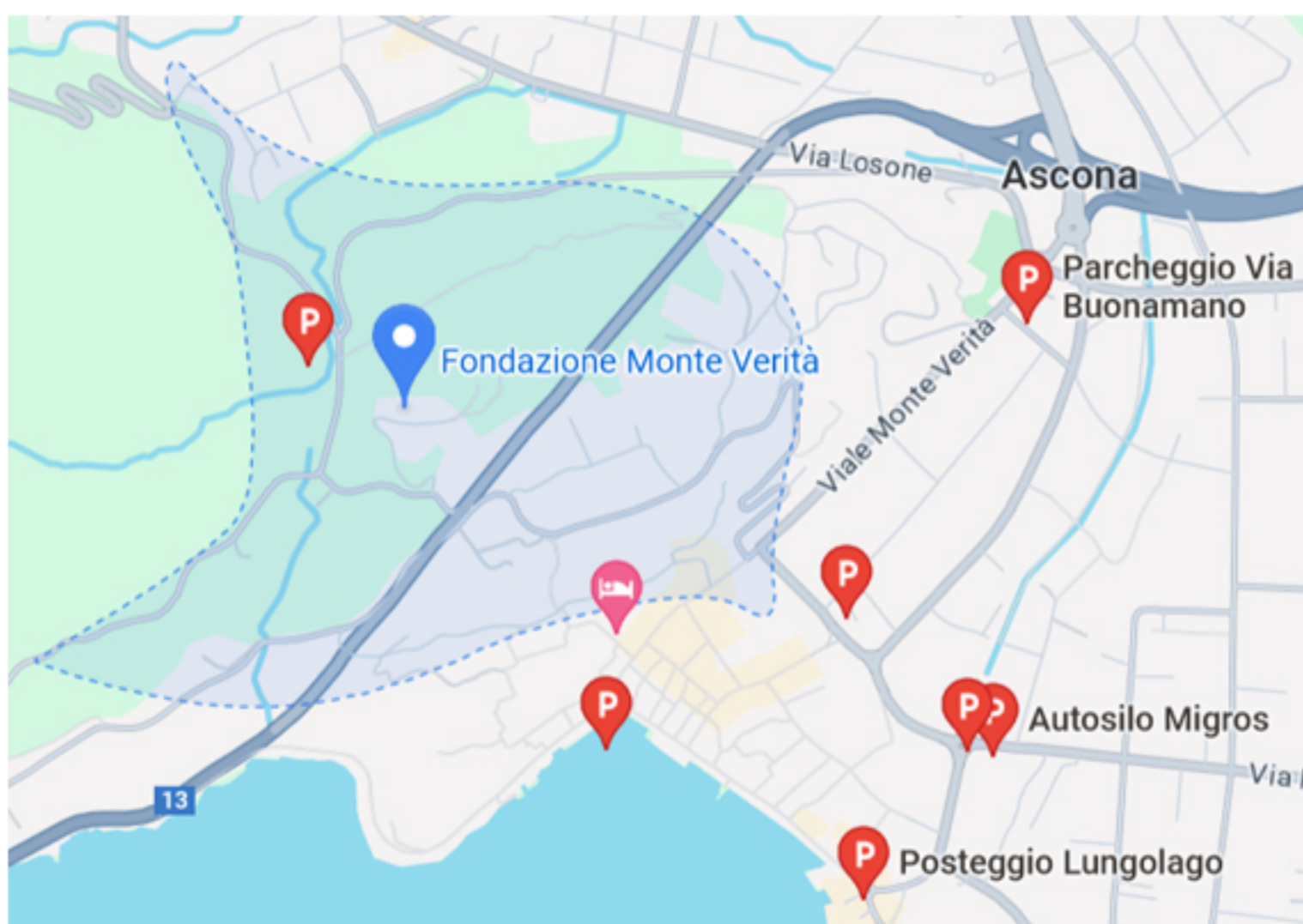
- Low-carbon cement production
- Low-carbon cement hydration
- Low-carbon cement structuration
- Low-carbon cement transport phenomena
- Low-carbon cement modelling



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Please check  
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