



📍 ENS Paris-Saclay - Bâtiment Nord -
1S21

EQUIPE OMEIR

Kamilia ABAHRI

MAÎTRE DE CONFÉRENCES

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Activités de recherche

:

- › Transferts Hygro-thermo-aéraulique dans les enveloppes du bâtiment
- › Modélisation multi-échelles
- › Caractérisation des propriétés hygrothermiques des matériaux de construction
- › Matériaux biosourcés
- › Caractérisation microscopique

Activités d'enseignement

- › Gestion thermique
- › Matériaux Biosourcés
- › Acoustique du bâtiment
- › Eclairage
- › Modélisation des fluides
- › Energies renouvelables
- › Matériaux Biosourcés

Publications

2022

Journal articles

[Assessment Of The Hygrothermal, Microstructural And Chemical Evolution Of A Hemp-Based Cementitious Mortar Under Etics Total Weathering Aging Protocol](#)

D Kosiachevskyi, Kamilia Abahri, Anne Daubresse, Evelyne Prat, Mohend Chaouche
Construction and Building Materials, 2022, ([10.1016/j.conbuildmat.2021.125471](https://doi.org/10.1016/j.conbuildmat.2021.125471))



[Assessment of the hygrothermal, microstructural and chemical evolution of a hemp-based cementitious mortar under ETICS total weathering aging protocol](#)

D. Kosiachevskyi, K. Abahri, A. Daubresse, E. Prat, Mohend Chaouche
Construction and Building Materials, 2022, 314, pp.125471. ([10.1016/j.conbuildmat.2021.125471](https://doi.org/10.1016/j.conbuildmat.2021.125471))



2021

Journal articles

[Full characterization of hygrothermal, mechanical and morphological properties of a recycled expanded polystyrene-based mortar](#)

M. Maaroufi, Rafik Belarbi, K. Abahri, Ferhat Benmahiddine
Construction and Building Materials, 2021, 301, pp.124310. ([10.1016/j.conbuildmat.2021.124310](https://doi.org/10.1016/j.conbuildmat.2021.124310))

