

Od: "PhD grant: Computational strategies for masonry structures subjected to high temperatures" <conferences@civil.uminho.pt>

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Zadeva: PhD grant: Computational strategies for masonry structures subjected to high temperatures

The University of Minho will be opening very soon a PhD grant on Computational strategies for masonry structures subjected to high temperatures within the Marie Curie Project ATHOR (<http://www.etn-athor.eu/>). An official call will be available very soon. If you are interested in this position, please contact asap Dr. Miguel Azenha (miguel.azenha@civil.uminho.pt) for further interaction and information about the release of the official call.

The PhD will address couple structural nonlinear mechanics with the thermo- and chemo-fields including viscosity effects for micro- and macro-models based on FE methods.

The final objectives are: a) validate macro-models for different masonry bonds; b) define performance charters for the different masonry bonds, based on advanced micro-models. The models will be implemented in a commercial software, allowing its use by the industrial partners.

At the time of selection by University of Minho, the researcher must not have resided or carried out their main activity in Portugal for more than 12 months in the 3 years immediately prior to his/her recruitment. The salary (before taxes) will be in the order of 1.800 euros per month (14 months/year).

Please feel free to share with interested students,
Paulo B. Lourenço