

03 de Julho | 16h00 – 17h00  
Faculdade de Ciências e Tecnologia  
Universidade Nova de Lisboa  
Ed. IX, sala 4.22

# palestras

de ENGENHARIA CIVIL na NOVA



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## Part 3. Multi-scale identification of adhesion in layered systems

The analysis of the mechanisms of the adhesion between overlay made of cement mortar and concrete substrate is a very complex engineering task. Even though the theoretical knowledge is now relatively large, the practical issues related to the evaluation of layered systems made of cement composites to achieve a high quality of adhesion are still ineffectively addressed. Bearing this in mind, the aim of this lecture is to indicate the possibility of using available modern research methods and descriptors for the identification of the level of adhesion in layered systems made of cement composites in a multi-scale approach. Moreover, it aims to present the extensive literature, which includes, among others, examples of the author's own research. This lecture can be recommended for researchers and engineers dealing with research and development in the field of the identification of the level of adhesion in layered systems made of cement composites.

