

ST39: Avances recientes en el método de los elementos de contorno

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Summary:

The aim of this thematic session is to present recent advances in the development and implementation of the BEM. Boundary element methods (BEMs) are very important areas of research and their techniques are being applied to solve increasingly complex problems, in new fields as well as the more familiar ones. The thematic session stresses the importance of these applications, their computational aspects, reliability and robustness.

Thus, the scope of the session is broad; the topics extend but are not limited to developments leading to industrial applications, improvement in solving algorithms, coupling with other numerical methods, and advanced formulations.