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Introduction to the Symposium on Cement-Admixture Interactions

This issue of *Cement, Concrete, and Aggregates* includes four papers from a symposium on cement-admixture interactions held December 10, 2003, in Tampa, Florida in conjunction with the meetings of Committees C-1 and C-9 and sponsored by those committees.

ASTM currently has test methods and specifications for hydraulic cement, chemical admixtures, and pozzolanic and re-

lated mineral admixtures. It is well known that interactions between specific admixtures and cements sometimes occur that adversely impact concrete properties. These adverse interactions often take the form of unexpected changes in workability or setting time. Thus, they usually affect properties of fresh concrete, although they can also affect strength or other properties of the hardened concrete. This symposium addressed these adverse interactions between chemical admixtures and cementitious materials, with particular focus on the mechanisms of such interactions and on test methods to detect the interactions.

In addition to the manuscripts in this current issue of *Cement, Concrete, and Aggregates*, a few manuscripts from this symposium are expected to be published in future issues of the *Journal of ASTM International* (JAI).

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