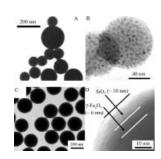# CHEMPHYSCHEM

An alternative surface template method is reported for the preparation of colloidal superparamagnetic composites (see TEM micrographs) that could be useful for biomedical applications. The magnetic behavior of colloidal superparamagnetic composites prepared by the surface template method is compared with that of colloidal superparamagnetic composites prepared by aerosol pyrolysis. The author is able to find evidences of an interacting superparamagnetic regime at low packing fractions in the composites prepared by the template method.

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1371 – 1375

**Probing Nanomagnets'
Interactions inside Colloidal
Superparamagnetic
Composites: Aerosol versus
Surface Template Methods**

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BOOKS

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Issue 11, 2003, was published online on November 6, 2003.

CORRIGENDUM

In the Communication by T. D. Perroud, B. Huang, M. I. Wallace and R. N. Zare published in *ChemPhysChem* **2003**, *4*, 1121 – 1123, Equation (8b) is incorrect. The correct form of Equation (8b) should be

$$p^{(1)}(k;V_0,\varepsilon) = \frac{1}{(1+F)^2}\,p_{\mathrm{G}}^{(1)}(k;V_0,\varepsilon) + \frac{V_{\mathrm{G}}}{V_0}\cdot\frac{1}{(1+F)^2}\cdot\frac{1}{2\sqrt{2}}\cdot\varepsilon \quad (k=1) \tag{8b}$$

where $V_{\mathrm{G}} = \pi^{\frac{3}{2}}\omega_0^2 z_0$ is the observation volume in an FCS treatment using the three-dimensional Gaussian observation volume profile (see Equation (3) in the article). This correct form was used in all calculations. The authors apologize for any missunderstandings that may arise as a result of this error.