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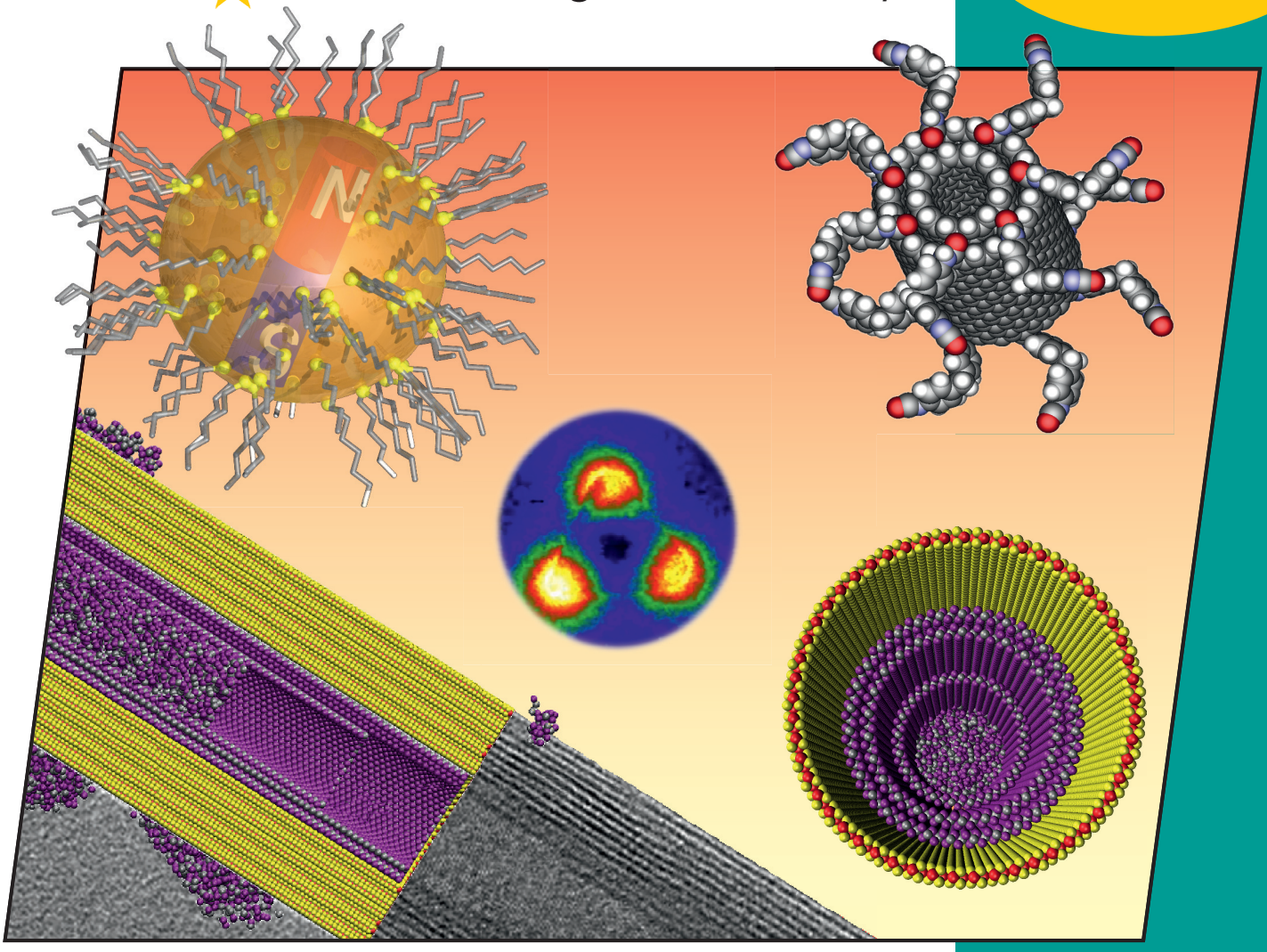
Cluster Issue:
One- and Two-Dimensional Inorganic Nanomaterials



Contributions to the Cover Picture by

Reshef Tenne et al.; Akira Miyazaki, Toshiaki Enoki, et al.; I. Pastoriza-Santos et al.; Yoong Ahm Kim et al.

Microreviews by

Reshef Tenne et al.; C. N. R. Rao et al.; Jinwoo Lee et al.; Mingwang Shao, Shuit-Tong Lee et al.; Akira Miyazaki, Toshiaki Enoki, et al.; I. Pastoriza-Santos et al.; Lih-Juann Chen et al.

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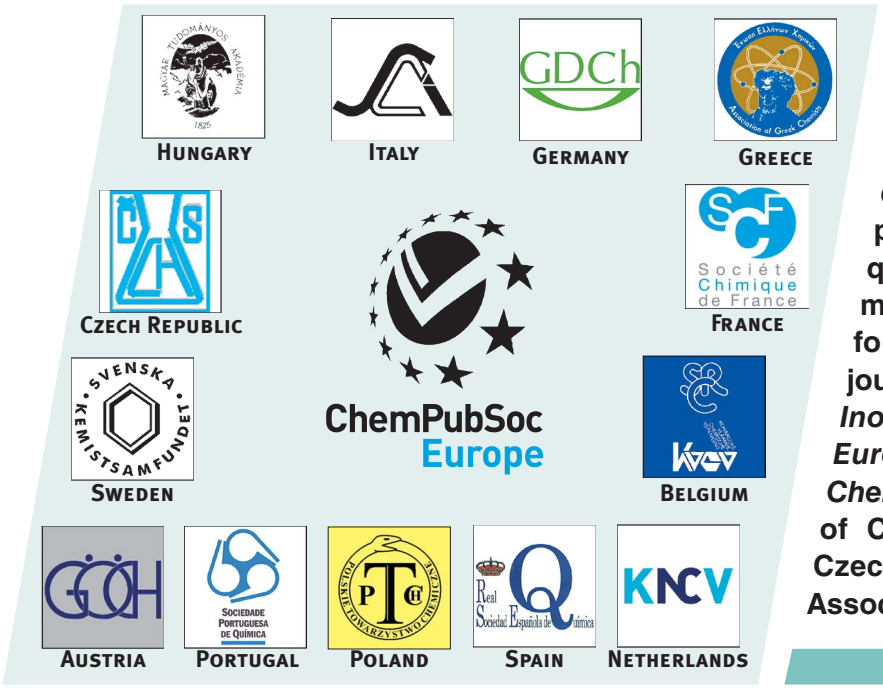

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COVER PICTURE

The cover picture shows a selection of cutting-edge areas of research on one- and two-dimensional inorganic nanomaterials. I. Pastoriza-Santos et al. (p. 4288ff) discuss high-yield methods of synthesis of both Au and Ag nanoplates and their optical properties, as represented by the EELS intensity distribution map of one silver triangle (middle), related to applications in surface-enhanced Raman scattering (SERS). The magnetic Pd and Pt nanoparticles covered with alkanethiol groups (top left) are the topic of the Microreview by A. Miyazaki, T. Enoki, et al. (p. 4279ff), who also report on charge transfer at the metal−organic interface. In their Microreview R. Tenne et al. (p. 4233ff) demonstrate how the encapsulation of one-dimensional crystals in inorganic nanotubes lead to filled inorganic nanotube composites (two views of which are in the bottom left and right corners of the cover picture). The double-walled carbon nanotubes (top right) with optical and chemical activity, which can be applied in preparing multifunctional hybrid materials, are covered in the Short Communication by Y. A. Kim et al. (p. 4305ff). Thanks are due to all these research groups for contributing their designs to make up this composite cover picture.