

## **Structures and Electronic Properties of Metallofullerene-Peapods**

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Carbon Nanotubes encapsulating various fullerenes, the so-called peapods, are an important class of fullerenes/nanotubes hybrid materials and have been investigated intensively during the past several years. Metallofullerene-peapods are particularly interesting in terms of their novel electronic properties together with the unique structures.

The present talk is focused on the electronic and structural studies of some metallofullerene-peapods via HRTEM[1,2], UHV-STM/STS[3] and FET devices[4].

### References

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