

## **Fullerene Multianions: Preparation and Properties**

manfred kappes<sup>1</sup>

<sup>1</sup>Universitaet Karlsruhe, Institut fuer Physikalische Chemie  
Kaiserstr. 12  
Karlsruhe, BW 76128  
Germany

Isolated fullerene monoanions and dianions were generated by electrospray ionization and studied in a Penning ion trap. Both controlled charging of monoanions to dianions upon electron irradiation as well as discharging by tunneling autoemission have been studied. Relevant charge changing processes upon surface collision will also be discussed.