

## **Carbon nanotube composites as an electrode of supercapacitor**

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Carbon nanotubes (CNTs) are of great interest in view of a wide variety of applications from the fundamentals research to applied perspectives. Apart from a potential use in molecular electronic devices, micromechanics, electron field emission, nanowires, they are also considered for some electrochemical applications such as storage of hydrogen, storage of lithium and supercapacitors<sup>1</sup>.

We have prepared single wall carbon nanotubes (SWNT) and their composite electrodes based on organic and inorganic electroactive components to investigate their super capacitance by means of cyclic voltammetry and charger/discharger. In this presentation, their capacitance properties will be in detail reported and discussed as an electrode of supercapacitor.

### References

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