

Preparing nanotube bundles by plasma method: approach for evaluation and application

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ABSTRACT

Arc plasma is an easy and accessible method to prepare and process hosts of advanced materials including nanostructures of 1D and 2D. The talk aims to highlight the objective and scope of the nanotube bundles preparation in the context of possible applications in coming years. Nanotube bundles or bunches, if prepared without losing individual superior properties, could change the scenario in power systems and devices, magnetic field generation, etc. In such a backdrop, the work done by the author and his group for evaluating improved ampacity of nanotube bundles assumes considerable importance.

Date: 09th April 2015 (Thursday)

Time : 3:00 pm

Venue : Seminar hall, IPR