

Electrical Characterization ZnO Thin Films Elaborated using Ultrasonic Spray Pyrolysis

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ZnO films are deposited by the ultrasonic spray pyrolysis technique on soda lime glass substrates by following a specific design of experiment. The ZnO films are spray deposited using different elaboration parameters to investigate the applications for window layers of all-oxide solar cells. Electrical properties of the ZnO films are investigated using the Carel platform facilities.

Keywords: Electrical Characterization, Ultrasonic Spray Pyrolysis, Deposition, ZnO, Thin-Film, Oxide, Solar Cell.

1. ULTRASONIC SPRAY PROCESS

Elaboration conditions here.

2. DESIGN OF EXPERIMENT

Design of experiment here.

3. ELECTRICAL CHARACTERIZATIONS

Electrical Characterizations here.

ACKNOWLEDGMENTS

This research was supported by “Project” in the framework of the “Hector” research project.