## SnSx – based nanostructured layers for solar

## cells

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2017

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**Keywords:** Nanostructures, photocells, chemical deposition, SILAR deposition, bandgap.

**Abstract:**  $SnS_x$  – based nanostructured thin films and photocells thereof fabricated by chemical processing were investigated/ Optical absorbtion characteristics of single-layer  $SnS_2$  and double-layer  $SnS_x$ /  $SnS_2$  composites have been studied demonstrating Eg~2.1 to 2.9 eV due to ~10 nm nanograins morphology/ The test  $SnS_x$ /Zno photocells have been fabricated and tested showing the conversion efficiency ~1.6%.

**Published in:** Physics, Chemistry and Application of Nanostructures, 2017, Ed. V. E. Borisenko, S. V. Gaponenko, V. S. Gurin, C. H. Kam., Minsk, Belarus, 28-31 May, Renews and Short Notes, Singapore 2013, Waled Scientific Publish. Co. 2017. – 499-502 – DOI: <a href="https://doi.org/10.1142/9789813224537\_0115">https://doi.org/10.1142/9789813224537\_0115</a>.

## **Internet link:**

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