

## Supplementary Information

# Thermoelectric Properties of Thin Films from Sorted Single-Walled Carbon Nanotubes

Blazej Podlesny <sup>1</sup>, Bogumila Kumanek <sup>1</sup>, Angana Borah <sup>2</sup>, Ryohei Yamaguchi <sup>2</sup>, Tomohiro Shiraki <sup>2,3</sup>, Tsuyohiko Fujigaya <sup>2,3,4</sup> and Dawid Janas <sup>1,\*</sup>

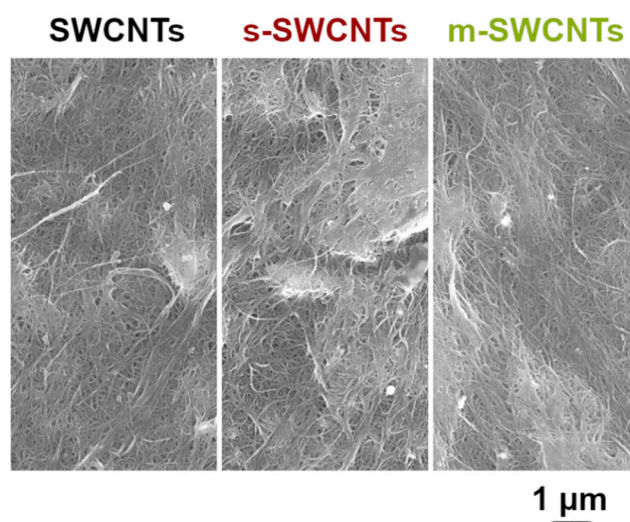
<sup>1</sup> Department of Organic Chemistry, Bioorganic Chemistry and Biotechnology, Silesian University of Technology, B. Krzywoustego 4, 44-100 Gliwice, Poland; [Blazej.Podlesny@polsl.pl](mailto:Blazej.Podlesny@polsl.pl) (B.P.); [Bogumila.Kumanek@polsl.pl](mailto:Bogumila.Kumanek@polsl.pl) (B.K.)

<sup>2</sup> Department of Applied Chemistry, Graduate School of Engineering, Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan; [borah.angana.018@s.kyushu-u.ac.jp](mailto:borah.angana.018@s.kyushu-u.ac.jp) (A.B.); [yamaguchi.ryohei.072@s.kyushu-u.ac.jp](mailto:yamaguchi.ryohei.072@s.kyushu-u.ac.jp) (R.Y.); [shiraki.tomohiro.992@m.kyushu-u.ac.jp](mailto:shiraki.tomohiro.992@m.kyushu-u.ac.jp) (T.S.); [fujigaya.tsuyohiko.948@m.kyushu-u.ac.jp](mailto:fujigaya.tsuyohiko.948@m.kyushu-u.ac.jp) (T.F.)

<sup>3</sup> International Institute for Carbon Neutral Energy Research (WPI-I2CNER), Kyushu University, Fukuoka 819-0395, Japan

<sup>4</sup> Center for Molecular Systems (CMS), Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

\* Correspondence: [Dawid.Janas@polsl.pl](mailto:Dawid.Janas@polsl.pl); Tel.: +48-32-237-1082



**Figure S1** SEM micrographs of thin films from unsorted, metallic, and semiconducting SWCNTs.