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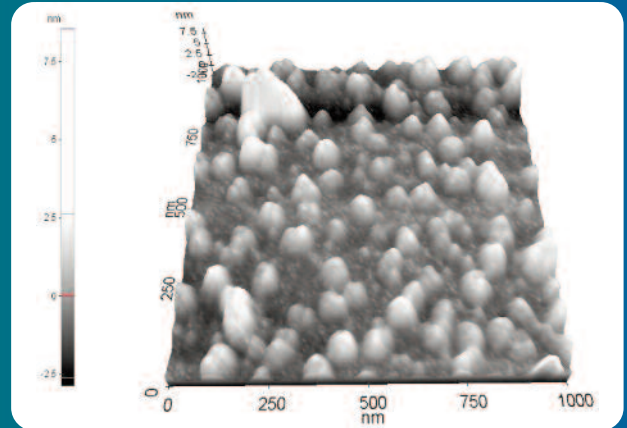


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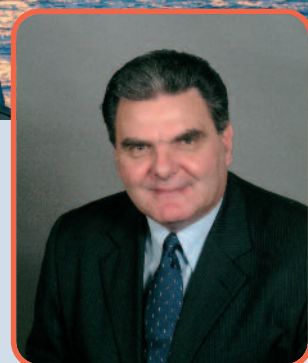
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## Selected materialographical photo



The paper entitled "PEDOT:PSS thin film for photovoltaic application" by J. Weszka, M.M. Szindler and P. Jarka on a **page 59**

demonstrates the changes in surface morphology and optical parameters of thin films of poly(3,4-ethylene-dioxythiophene) poly(styrenesulfonate) (PEDOT:PSS). Thin films were prepared using a spin coating method. The thin films of PEDOT:PSS was investigated by Raman scattering technique in Raman spectrometer. The changes in surface topography were observed with the atomic force microscope AFM XE-100. The results of roughness have been prepared in the software XEI Park Systems. The measurement of optical parameter was performed using a spectrometer UV/VIS and a spectroscopic ellipsometer. Results and their analysis allow to conclude that the PEDOT:PSS solution concentration and spin speed, an important factor in spin coating technology, have a significant influence on surface morphology and optical reflection of thin films. Knowledge about the sol gel PEDOT:PSS optical parameters and the possibility of obtaining a uniform thin films show that it can be good material for photovoltaic and optoelectronic devices.



## Dear Readers,

On 4<sup>th</sup> July 1776, the Declaration of Independence was approved by the Second Continental Congress in Philadelphia, Pennsylvania, setting the 13 colonies on the road to freedom as a sovereign nation. Written primarily by Thomas Jefferson, the Declaration is a formal explanation of why Congress had voted on 2<sup>nd</sup> July to declare independence from Great Britain, more than a year after the outbreak of the American Revolutionary War. Independence Day is annually celebrated in the United States of America on 4<sup>th</sup> July and is often known as "the Fourth of July". This year Independence Day was celebrated as 237<sup>th</sup> anniversary of the publication of the Declaration of Independence and was associated as usually with fireworks and parades seen in the pictures. After the renovation also on that day the Statue of Liberty seen in the cover was opened to the public. It is a colossal neoclassical sculpture on Liberty Island in the middle of New York Harbor, in Manhattan, New York City. The statue was a gift to the United States of America from people of France. The statue is of a robed female figure representing Libertas, the Roman goddess of freedom. Recalling this important day for Americans, as usual, we hand over the next papers, carefully selected and as we think of an interesting subject matter, to PT Readers. We wish therefore a nice reading.

Gliwice, in July 2013

Prof. Leszek A. Dobrzanski M Dr hc  
Editor-in-Chief of the JAMME  
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