

## **New Data to the SURDAT-Data Base of Modeled and Experimental Physical Properties of Lead-Free Solder Alloys**

Władysław Gašior<sup>C, S</sup>, Zbigniew Moser, Adam Dębski and Janusz Pstruś

*Polish Academy of Sciences, Aleksander Krupkowski Instytut of Metallurgy and Materials Science, Kraków, Poland*

The structure of the SURDAT data base will be shown together with all available options and the presentation of the gathered data. Also the comparison of the old and new software will be conducted. The presentation will demonstrate step by step how to obtain the modeled and experimental values data of different physical properties (surface tension, viscosity). In the end, directions of the modification of the SURDAT database will be indicated as open possibility to join other databases of Pb-free solders.