

Recycling and Waste Management

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Recovery of the gold from electronic waste

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Production of waste of electric and electronic equipment (WEEE) increases every year and this rare secondary raw material contains a large number of precious metals. This work describes the processing of used processors on personal computers for the purpose of gold recovery. In the paper there are described individual types of processors, methods of separation of gold coated contacts, and conditions of hydro metallurgic

processing of separated contacts in order to separate the gold.

Speaker Biography

Jakub Klimko has been studying at the Institute of Recycling Technologies, Faculty of Materials, Metallurgy and Recycling at Technical University of Kosice since 2011. During his studies, he attended a scientific conference three times, of which he was awarded twice for a high contribution to the conference. In 2016 he began his 4-year PhD study at same study program. The study focuses on the waste of end of life products such as batteries, WEEE and others.

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