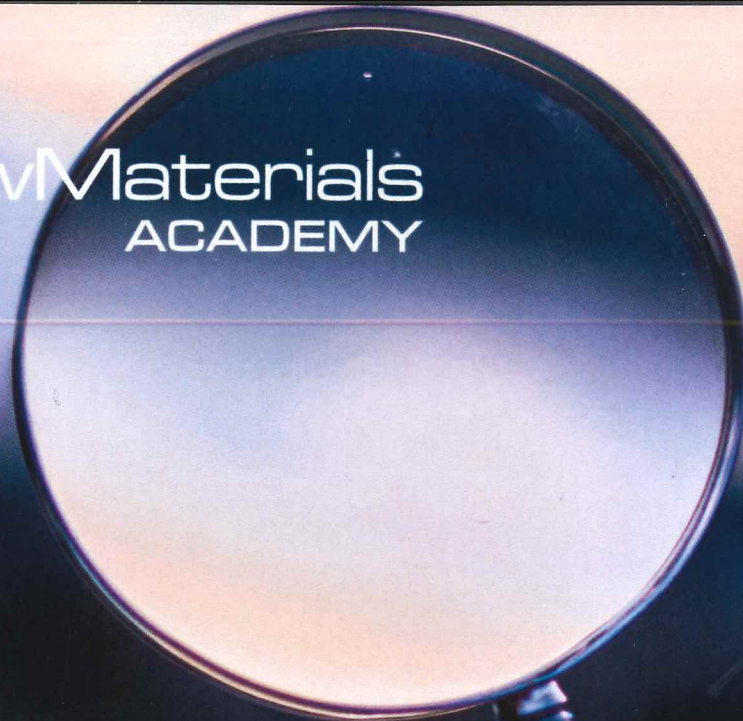




RawMaterials
ACADEMY



RawDTRIP Summer School

2-13 SEPTEMBER 2019, KRAKOW

GUIDEBOOK



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FACULTY of MINING
and GEOENGINEERING



Institute of Non-Ferrous Metals (IMN) is a part of the Łukasiewicz Research Network, the third largest research network in Europe. With 8,000 staff and 38 research institutes located in 11 cities across Poland. ŁUKASIEWICZ is an integrated market player providing attractive, comprehensive and competitive business solutions in the fields of automation, chemicals, biomedicine, ICT, materials, and advanced manufacturing.

The Łukasiewicz Research Network – Institute of Non-Ferrous Metals (IMN) is a research center of the Polish non-ferrous metals industry. Complex activities cover all stages of metallic materials production: from ore treatment to technologies for production of modern product meeting all environmental standards. Many of the developed solutions became implemented in small and medium enterprises, not only in non-ferrous metals industry, but also in other branches. The services provided cover: R&D targeted for development of new technologies, optimisation of industrial processes, modernisation of production lines, construction of equipment, measurement and analytical services.

IMN customers are provided with access to the newest technologies, modern laboratories and high capacity pilot installations. The level of our services has been appreciated by such companies, as KGHM Polska Miedź S.A., ZGH Bolesław S.A., KGHM Ecoren S.A., or Hutmen S.A.

Long-lasting scientific cooperation with leading universities in Poland, institutes of the Polish Academy of Science and long-standing experience resulting from participation in EU Framework Programmes have created good conditions for continuous development of the research personnel and possibilities to provide customers with competitive and innovative solutions by the Institute.

One of the most recent directions of IMN activities is the development of technology for production of components made of Cu-based alloys by 3D metal printing which is considered not only as of the most promising but also more competitive and environmental friendly technique than the presently used conventional metal processing technologies.