

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Science and Technology,

CITY: Kraków,

POSITION: Assistant Professor,

DISCIPLINE: Technical Sciences,

POSTED:

EXPIRES:

WEBSITE:

KEY WORDS: Metallurgy, Material engineering, Metal forming processes, FEM numerical analysis, Modern non-ferrous metals synthesis methods, Continuous casting.

DESCRIPTION (field, expectations, comments):

- Ph.D. academic degree in the field of Technical Sciences, specialty: metallurgy,
- experience in the field of design and development of non-ferrous metal forming processes and synthesis of modern metallic materials with the use of continuous casting method,
- experience and ability to use FEM based numerical programs and methods allowing to simulate elastic and plastic behaviour of metallic materials,
- theoretical and experimental knowledge in the field of design and development of new materials and solutions dedicated for electrical power engineering applications in overhead networks and railway traction lines,
- experience in the research realisation of fundamental, mechanical, electrical and exploitative properties of non-ferrous metals products,
- experience in the preparation and running of classes in the field of generally understood material engineering metallurgy, and CAD/CAM systems,
- 2d and 3D CAD software literacy (fluent),
- completed academic training after receipt of a Ph.D. degree (min. 1 month),
- fluent English in speech and writing (min. B2 certificate),
- completed teaching course.