

FORM FOR EMPLOYERS

**INSTITUTION AGH University of Science and Technology, Faculty of Materials
Science and Ceramics**

CITY Krakow

POSITION Adjunct

DISCIPLINE Materials Engineering

POSTED

EXPIRES

WEBSITE www.uci.agh.edu.pl/konkursy

KEY WORDS composite materials, polymers, carbon fibers

DESCRIPTION (field, expectations, comments):

- PhD in Materials Engineering;
- publications in the area of materials science, in particular composite materials;
- didactic experience in particular in the area of composite materials technology (composite materials, composite materials with natural reinforcement and their recycling, polymer materials, functional materials engineering, composite materials technology, composite materials in technology and medicine) and polymer processing;
- experience in the synthesis and processing of polymers and composite materials technology, production of composites by various methods, design of composites and assessment of their properties;
- experience in the operating of composite materials technologies equipment (electrospinning, rapid prototyping, CVD, fiber winders, hydraulic presses);
- experience in the usage of specialized test equipment (DSC, TG);
- experience in designing and assembling of research equipment and measuring systems (electro-spander, flotator, UV aging chamber, abrasion testing equipment);
- experience in the materials design, selection of materials, shapes and production methods in the material design process;
- ability to design materials using design programs (CES EDUPACK);
- industrial experience in the field of composite materials technology, industrial processes, fiber production – specialty: natural fibers and biocomposites;
- experience and involvement in composite projects;
- active participation in conferences and symposia
- English language proficiency – level B2;
- completed pedagogical training;
- observing widely accepted ethical norms;