**FORM FOR EMPLOYERS**

INSTITUTION: **MILITARY UNIVERSITY OF TECHNOLOGY**

CITY: **WARSAW**

POSITION: **assistant professor**

DISCIPLINE: **materials science**

POSTED: **22th January 2020**

EXPIRES: **20th February 2020**

PERIOD OF EMPLOYMENT: **Indefinite period of time**

WEBSITE: [**www.wat.edu.pl**](http://www.wat.edu.pl)

**KEY WORDS:** general physics, material engineering, soft material physics, liquid crystals, chiral liquid crystals, photonics, electro-optical transducer technology, liquid crystal composites, blue phase, diffractive optics

**DESCRIPTION (field, expectations, comments):**

Candidates to apply as an assistant professor need to be characterized by elementary experience in teaching at least and in laboratory and research work, including necessarily experience working in a clean room laboratory, documented scientific publications indexed in international databases (Scopus, Web of Science) in material engineering or related. The candidate should have scientific achievements giving him according to the Scopus database h-index not less than 6 (without self-citatios). In scientific and technical activities candidate has to be experience in the fabrication and testing of electro-optical transducers with the liquid crystal layer, the fabrication and testing of mesogenic materials including polymer-doped ones, polarization microscopy studies, electro-optical testing, blue phase technology, the production and testing of composite materials with blue phase.

**Admission requirements:**

* High activity in the implementation of research projects, both as project’s manager and performer (min. 6 projects in total);
* knowledge of technical English in speech and writing;
* PhD degree with thesis subject related directly to mentioned research field (materials science and physics preferred).
* authorship / co-authorship in publications on topics consistent with the description of the research position (minimum 15 papers or conference materials in English indexed in the Scopus database in which at least 10 is the first or second co-author);
* minimum 2 years of professional experience directly related to the manufacture of electro-optical transducers with a liquid crystal or composite layer; liquid crystal polymer, testing liquid crystal materials with including blue phases;
* knowledge of the problems of polymeric liquid crystal composite materials, optical elements with optically active liquid crystal layer, including elements of diffraction optics and phase optics,
* knowledge of the issues of producing blue phase structures.

**The competition application should include:**

* a letter of application to the Rector of the Military University of Technology;
* candidate’s questionnaire;
* professional CV including scientific interests; scientific, didactic and organizational achievements;
* copies of diplomas and other documents confirming / proving the candidate's qualifications;
* a declaration of consent to process personal data included in the job application in accordance with the Data Protection Act of 10th May, 2018 on the protection of personal data (Journal of Laws of 2018 item 1000);
* a statement that the candidate/applicant has full capacity to act according to the law in force;
* a declaration of no charges within a final judgment of a deliberate crime;
* a declaration of no charges within the disciplinary procedure of the deprivation of rights to practice the profession of academic teacher on a permanent or fixed-term basis/contract;
* a declaration on the full use of civil rights;
* a declaration stating whether MUT is the core or non-core workplace for the applicant;

**Documents should be submitted by 20th February 2020**

* in person to the secretary's office at the front desk, **build 100/151,** by post: Military University of Technology, faculty of Advanced Technology and Chemistry, 2 gen. Sylwestra Kaliskiego Str. 00-908 Warsaw, Poland
* by e-mail/fax: [**stanislaw.cudzilo@wat.edu.pl**](mailto:stanislaw.cudzilo@wat.edu.pl), **261 839 470**

**Additional information can be obtained by phone: 261 839 014, 261 839 731, 261 839 450**

The competition will be adjudicated no later than two weeks after the competition deadline.The competition will be adjudicated no later than two weeks after the competition deadline. The competition is the first stage of the procedure specified in the statute of Military University Technology, which concerns to the employment in the academic teacher position. His positive decision is the basis for further proceedings. However, the final decision about employing a person selected through the competition is taken by the MUT Rector.

The University reserves the right not to resolve the competition without giving a reason.

The Military University of Technology does not provide accommodation.

After the end of the recruitment process, offers that do not meet the formal requirements and all other offers, except the chosen candidate one, will be destroyed after one month from the day of the competition procedure completion.