



FULL PARTNER INFORMATION FORM

PIC	890796688
Organisation ID	E10274857
Bulgarian Government System / Ministry of Justice, Registry Agency / National ID https://www.registryagency.bg/bg/	177487511
Organisation full legal name (national language)	БЪЛГАРСКА АСОЦИАЦИЯ ПО ЕРГОНОМИЯ И ЧОВЕШКИ ФАКТОРИ
Organisation full legal name (latin characters)	BULGARIAN ASSOCIATION OF ERGONOMICS AND HUMAN FACTORS
Acronym (latin characters)	BAEHF
Acronym (national language)	БАЕЧФ
Country	Bulgaria
Region	Varna
Website	https://baehfofficial.wixsite.com/baehf
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PROFILE

Type of Organisation	Association
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Legal Representative

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BACKGROUND AND EXPERIENCE

Bulgarian Association of Ergonomics and Human Factors (BAEHF) is a member and affiliate of the Federation of European Ergonomics Societies (FEES):

<https://www.ergonomics-fees.eu/node/297>

<https://www.ergonomics-fees.eu/node/4>

IEA - FEES MEMORANDUM OF UNDERSTANDING

<http://ergonomics-fees.eu/node/214>

CREE – FEES Memorandum of Understanding

<http://ergonomics-fees.eu/node/239>

The main activities of Bulgarian Association of Ergonomics and Human Factors – BAEHF include:

- Participation in international scientific and educational networks, as well as membership in international organizations and federations related to ergonomics and human factors, for this purpose:
 - Adopts work programs, establishes commissions and research units;
 - Organizes forms of public discussion of important issues;
 - Establishes contacts with organizations and individuals working on issues of ergonomics and human factors;
 - Proposes measures to the competent government and public organizations for solving problems related to ergonomics and human factors;
 - Creates a network for wide cooperation between all professionals related to ergonomics and human factors;
- Increases the quality of training of specialists in ergonomics and human factors;
- Performs additional economic activity as: teaching courses, seminars, training specialists, performing social activities, expertises and consultations and using the income from this activity to achieve the goals and tasks defined in this contract.

Main Topics

- Healthy and safe working conditions
- Motor vehicles, ships and aircraft
- Design
- Management and administration
- Working life
- Computer skills
- Transport services

Areas of knowledge:

- Principles of ergonomics
- Populations and general characteristics of man
- Design of technical systems
- Research, evaluation and investigative techniques
- Professional problems
- Ergonomics: Analysis of activity and work
- Ergonomic interventions
- Ergonomics: physiological and physical aspects
- Ergonomics: psychological and cognitive aspects
- Ergonomics: social and organizational aspects

The Bulgarian Association of Ergonomics and Human Factors - BAEHF has solid organizational experience. BAEHF is constantly in an active working mode, which is steadily developing in collaboration with local and international students, teachers, laboratory assistants, experts, at all levels and areas relevant to the objectives of this project proposal. BAEHF promotes the exchange of experience, international mobility and open public action, through which development activities and results are beneficial for all stakeholders.

Organization of a Summer University on Ergonomics:

BAEHF participates in the organization of an international Summer University on Ergonomics (34. ERGONÓMIAI NYÁRI EGYETEM) together with partners from Austria, Poland, Romania, Hungary and others, and the special support of the Federation of European Ergonomics Societies (FEES) and the European Agency for Safety and Health at Work:

<https://osha.europa.eu/en/oshevents/34th-summer-university-ergonomics>

<http://ergonomics-fees.eu/node/283>

Officials participant persons from Bulgarian Association of Ergonomics and Human Factors – BAEHF are included as experts in local and international projects and programs such as:

International network:

- CIII-HU-1506-01-2021 *Ergonomics and Human Factors Regional Educational CEEPUS Network* with Coordinator Óbuda University, Budapest. The mission of the project is to contribute to the competitiveness of the Danube Region by providing leading-edge competency on the human-oriented product, process, and organizational innovation.

Under the official established CEEPUS Network (2020), the Bulgarian Association of Ergonomics and Human Factors – BAEHF in collaboration with Technical University of Varna (coordinator Dr. Tihomir Dovramadjiev) is in permanent strong connection with involved other 8 partners from Hungary (GK), Austria, Croatia, Poland, Romania, Serbia, Slovakia and Slovenia.

<https://www.ceepus.info/>

<https://www.ceepus.info/upload/FileViewer.aspx?ID=182A2F5997CC5A9508F5D2B1C7DEFC087152BF608BD7495BD2B0545133D3CF08>

<https://www.ceepus.info/upload/FileViewer.aspx?ID=301951F6967831FAA9C5166DDA13B745A9265DD35638C77F9A19B453ECE50218>

http://www2.tu-varna.bg/tu-varna/images/international/CEEPUS_TUV_2020.pdf

The experts from BAEHF and their representative Universities take participation in following projects:

▪ **2021 – 2023 KA220-HED - Cooperation partnerships in higher education**

Project Title: Life in the AI Era

Project Acronym: HEDY

Total grant 248 007 euro

Applicant organisation/Partner organisation: OBUDAI EGYETEM Hungary (Leader), Aidlearn, Consultoria em Recursos Humanos Lda. Portugal, Bulgarian Association of Ergonomics and Human Factors Bulgaria Varna (Full Partner), UNIVERSITAT POLITECNICA DE CATALUNYA Spain, ACEEU GmbH Germany.

<https://lifeintheaiera.eu/partners/>

<https://www.researchgate.net/project/HEDY-Life-in-the-AI-era>

▪ **2021 – 2024 KA220-HED - Cooperation partnerships in higher education**

Project Title: ErgoDesign – Improving digital skills for Ergonomics and Bioengineering Innovations for inclusive Health Care

Project Acronym: ErgoDesign

Total grant 320 115 euro

Applicant organisation/Partner organisation: FP: POLITECHNIKA POZNANSKA Poland (Leader), TECHNICAL UNIVERSITY OF VARNA Bulgaria, NATIONAL TECHNICAL UNIVERSITY OF ATHENS - Greece, TECHNICKA UNIVERZITA V KOSICIACH Slovakia, OBUDAI EGYETEM Hungary , Valuedo srl Italy; Substantive partners (AP): University of West Attica School of Engineering (GR), University of Presov (SL), University of Zielona Góra (PL), Lodz University of Technology (PL), Organization Center of Registration of European Ergonomics, University of Bordeaux (FR), Bulgarian Association of Ergonomics and Human Factors (BAEHF), Polish Ergonomics Society, - Inclusion and Innovation Technology Center (HU), ICSTED.

<https://www.researchgate.net/project/ERGODESIGN-IMPROVING-DIGITAL-SKILLS-FOR-ERGONOMICS-AND-BIOENGINEERING-INNOVATIONS-FOR-INCLUSIVE-HEALTH-CARE-Project-Grant-Agreement-Number-2021-1-PL01-KA220-HED-000031182>

▪ **2022 TUV NP 10**

Ergonomic and design research of auxiliary furniture as part of the learning environment of students in junior high school

<https://www.researchgate.net/project/Ergonomic-and-design-research-of-auxiliary-furniture-as-part-of-the-learning-environment-of-students-in-junior-high-school>

▪ **2020 – 2023 Project BG05M2OP001-2.013-0001 of the MES "Student internships - Phase 2" financed by OP NOIR**

Aims: to support the improvement of the quality of higher education by providing opportunities for gaining practical experience and improving the practical skills of higher education students in accordance with the needs of the labor market; to facilitate the transition from educational institutions to the workplace and increase the successful realization of young people in the labor market; to support and encourage the building of stable partnerships between educational institutions and businesses; to increase students' incentives to participate in additional practical training in a real work environment; to stimulate the increase in the number of students who find work immediately after graduation; to provide prerequisites for updating both the curricula in general and the taught disciplines, courses and topics according to the needs of the labor market; to support the creation of sustainable mechanisms and opportunities for employers to select students who have proven skills in a real work environment, and for their immediate inclusion in the labor market.

Budget: 23 485 000 EUR

<https://praktiki.mon.bg/>

▪ **2019 – 2021 National Scientific Program ICT in SES**

National Scientific Program "Information and Communication Technologies for a Single Digital Market in Science, Education and Security (ICTinSES)" (grant agreement DO1-205/23.11.18), financed by the Ministry of Education and Science. General budget of the program- BGN 3 450 000 / USD 1 977 195

<https://npict.bg/>

▪ **2018 - 2022 National Scientific Program "Low-carbon**

Energy for the Transport and Domestic Use – EPLUS", approved by Council of Ministers, Decree No. 577 of 2018, and funded by the Ministry of Education and Science, General budget of the program

- 1 500 000 EUR

<https://eplus.bas.bg/en>

▪ **2016 – 2018 Student Internship Project BG051PO001-3.3.07-0002 / BG05M2OP001-2.002-0001**

European Union and Bulgarian Ministry of Education. European Social Fund and Bulgarian Ministry Of Education, Youth and Science. Human Resources Development Operational Program.

The project budget is BGN 56 000 000 / USD 32 093 600

<https://praktiki.mon.bg/>

▪ **2018 NP/ 17 Study of design possibilities and optimization of computer calculation processes in industrial design practice.**

▪ **2018 PKD/ KD5 "Study of photogrammetric possibilities and 3D digitization of models, objects, sculptures and monuments of national historical value.**

▪ **2017 NP/15 Anodizing titanium and titanium alloys for use in medicine.**

▪ **2015-2017, Scientific forum "Innovation and Business", Center for Applied Technologies in Health at the Technical University of Varna.**

<http://ahc.tu-varna.bg/>

▪ **2014-2016 Project №BG161PO003-1.2.04 - 0044-C0001**

"Development of sustainable capacity of a Center for applied technologies in health",

TUV, Procedure "Development of applied research in research organizations in Bulgaria", BGN 450,000. OP "Competitiveness".

- **2016 NP/18 Study of ergonomics-design options for multifunctional complex adaptive modular lecture hall for interdisciplinary teaching**
- **2015 NP/15 "Exploring the possibilities of design projection and evaluation through methods of computer aided design and 3D prototyping".**
- **2013 SRL / 2013 TUV-Scientific Research Laboratory with faculty status "Construction of a scientific applied laboratory for application of protective decorative coatings, new materials and nanolayers".**
- **2010 – 2013 DDVU 02/16 Scientific Research Fund of Ministry of Education. "Creation and testing of a gradient structured micro- and nano-layers on titanium dental implants". Held at TUV.**
- **2010 NP 17/2010 "Gradient structured nano-layers formed by hydroxyapatite and titanium dioxide layered on titanium alloy Ti-6Al-4V".**
- **2010 PD 9/2010 "Study on protective decorative coatings obtained by electroplating on dental implants".**

KEY PERSONS



Professor (Assoc.) Dr. Eng. TIHOMIR DOVRAMADJIEV – The

President of Bulgarian Association of Ergonomics and Human Factors - BAEHF received the Ph.D. in "Ergonomics and industrial design" from Technical University of Varna (TU- Varna/2012). He has experience as a lecturer for more than 10 years at Industrial Design Department, TU-Varna. Leading full semester disciplines are: "Advanced Technologies in Design" and "Eco-Design" and other. He

is the author of the book "Advanced technologies in Design", TUV, pp. 228, 2017. He has participated in over 60 scientific publications (Incl. Springer & Elsevier). In the current years, he carries out active activities, which include teaching within the university, preparation of students and doctoral students, as well as participation in research projects. According to the ResearchGate by 2022, he has over 300K readings of scientific publications and research. He has participated as: (and/or) organizer, chairman, author, reviewer of Applied Human Factors and Ergonomics (AHFE), International Conference on Human Systems Engineering and Design (IHSED), Intelligent Human Systems Integration (IHSI), International Conference on Human Interaction and Emerging Technologies (IHJET), International Symposium in Management (SIM) and other international science conferences and congresses.

He is a Editorial Board Member of International Engineering and Technology Institute (IETI) - Transactions on Ergonomics and Safety (TES) ISSN 2520-5439 DOI: 10.6722/TES. /USA, Hong Kong & Thailand.

<http://www.ietinet/TES/eb.html>

He is a Editorial Board Member of International Engineering and Technology Institute (IETI) - Transactions on Engineering Research and Practice (TERP) ISSN 2616-1699, DOI: 10.6723/TERP/USA, Hong Kong & Thailand.

<http://ietinet/terp/eb.html>

He is a Editorial Board Member of American Journal of Management Science and Engineering (AJMSE) ISSN Print: 2575-193X; ISSN Online: 2575-137 /USA

<https://www.sciencepg.com/journal/editorialboard?journalid=101>

He is a Member of MDPI Mathematics, EISSN 2227-7390, Basel, Switzerland

https://www.mdpi.com/journal/mathematics/topical_advisory_panel

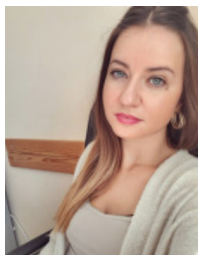
Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

<https://www.mdpi.com/journal/mathematics>

He is a member of STUME, SSKB and INSTICC. Under Erasmus + Programme, he successfully did lecturing in EU Countries: Greece, Romania, Portugal, Czech Republic.



Professor Dr. Eng. ROZALINA DIMOVA is a Vice President of Bulgarian Association of Ergonomics and Human Factors – BAEHF. She is a Head of Applied Technologies in Health Center (Technical University of Varna, Bulgaria – TUV <http://ahc.tu-varna.bg/>). Previously she held the highest position of Rector in Technical University of Varna, Bulgaria. Rozalina Dimova has current research interests in information and communication technologies (ICT), bioengineering, 3D modelling and next generation networks. She is co-authored over 120 scientific publications and has participated either as project leader or member of scientific teams in 5 European and more than 40 national funded research projects. She is a Member of European Society for Engineering Education (SEFI), IEEE, Member of Management Board of the Scientific and Technical Union, Varna, Bulgaria and Member of Management Board of Union of Scientists in Bulgaria.



Expert - economist MARIA SKARLATOVA-FILCHEVA is a Vice President of Bulgarian Association of Ergonomics and Human Factors – BAEHF. She has many years of experience in economics and accounting activities. She has worked in private and public companies and is currently an accountant in the public administration. She has extensive experience in payroll accounting, SBCO accrual, acquisition of fixed assets and depreciation accrual, invoice accrual, commitment reporting, cash registers, inventory bank accounting. She organizes the overall accounting activities of enterprises, works with electronic signatures, accrual and payment of salaries, submission of declarations, accounting and invoicing, submission of GTD, reference summary information from the Public Procurement Act, notification of health and safety Labor Act, statistical information, compilation of cash report and turnover report.