



## Gábor Lassú

**Date of birth:** 18/07/1985

**Nationality:** Hungarian

### CONTACT

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### WORK EXPERIENCE

**01/09/2022 – CURRENT** Miskolc, Hungary

● **STC Director** University of Miskolc, FMCE, SteelTech-Center Hungary

- operational management and development of the STC along the goals set by the founders and the SC,
- the professional management of the STC shared with Project Managers / Senior Experts along the goals set by the founders and the SC,
- coordination of the selection of project managers, key experts, experts (Project Manager, Senior Expert, Expert),
- preparation of the selection of Scholarship recipients (BSc, MSc, PhD) through tenders,
- facilitating the use of the Tender framework along the goals set by the founders and the SC (Management Committee),
- disposes of and reports to the SC on the use of other revenues, project and service fees, subsidies,
- preparing a quarterly written report to the SC on the professional / economic activities of the STC,
- the general organization of the operation of the STC based on the operational guidelines defined by the SC.

**Business or Sector** Professional, scientific and technical activities |

**Website** <https://stc.uni-miskolc.hu/>

**01/10/2012 – CURRENT** Miskolc, Hungary

● **Researcher / Department engineer** University of Miskolc, Faculty of Materials and Chemical Engineering

• **Project Manager / Professional Manager and Implementer (2023-2024):**

EIT Raw Materials: 22022 - RISBRIEFCASE. Briefcase RIS network creation: The Partners of the RIS Briefcase Project will consolidate the self-sustainable BRIEFCASE network around regional challenges such as the low ratio of recycling, the lack of specialized workforce and experts in the minerals sectors and the low acceptance of mining operations. The network will be extended to all RIS areas and commercialize the Briefcase services.

Partners: Gomez Pardo Foundation + 26 partners from EU;

• **PM / Prof. Manager&Implementer (2022-2024):**

EIT Raw Materials: 21115 - WEEE-NET9. WEEE-NET: Improving CRMs extraction capacities in RIS WEEE recycling: WEEE-NET will improve the capacities of WEEE value chains in the RIS region to recover CRMs by transferring innovative technological solutions and know-how to key players in the region.

Partners: ZAG (Slovenian National Building and Civil Engineering Institute-Coordinator) + 11 partners from EU;

• **PM / Prof. Manager&Implementer (2021-2023):**

EIT Raw Materials: 20220 - PHEIDIAS. PHEIDIAS - AN INNOVATIVE HYDROMETALLURGICAL RECYCLING SYSTEM FOR PGMs RECOVERY: PHEIDIAS will upscale an innovative hydrometallurgical process for the recovery of Platinum Group Metals (PGMs) from Spent Vehicle Catalytic Converters, focusing on the RIS markets.

Partners: Monolithos Ltd (Coordinator) + 8 partners from EU;

• **PM / Prof. Manager&Implementer (2019-2020):**

EIT Raw Materials: 18344 - INNOCAT. Innovative CRM substitution technology for public authorities' vehicle catalysts: The project aims to stimulate the emergence of territorial ecosystems for PGMs recycling and substitution in automotive catalysts, based on a new technology that substitutes PGMs with copper nanoparticles. This approach will be tested on the aged & polluting fleet of public heavy duty vehicles, to be transferred to key-beneficiaries and target-end customers.

Partners: Monolithos Ltd (Coordinator) + 13 partners from EU;

■ **Researcher / B1 Sub-project Professional Leader (2018-2021):**

E-mobility from Miskolc: Further development of cooling water circulation pump and motor cooling fan in view of higher quality requirements for electric vehicles (GINOP-2.2.1-15-2017-00090): B1. Sub-project of electric connector aging & fretting  
Partners: Bosch ED-TS, Bay Zoltán Nonprofit Ltd. for Applied Research

■ **Junior Researcher (2015):**

Project title: University of Miskolc 2015 - The University of Miskolc and the City of Miskolc coordinated knowledge transfer and innovation services development and sustainable partnership establishment with the strategic economic actors  
(TÁMOP-4.2.1.C-14/1 / KONV-2015-0012)

■ **Junior Researcher (2013-2015):**

Project title: New Environmental friendly solder materials for the automotive industry from primary and secondary resources /TÁMOP-4.2.2.A-11/1/KONV-2012-0019/ Workshop: Preparation of the solder surfaces with plasma cleaning

■ **Junior Researcher / Department engineer (2012-2022):**

**Business or Sector** Professional, scientific and technical activities

**05/2017 – CURRENT** Hungary

● **Partner** SLV-tech Consulting

Technology and Business Consulting:

We have a proven track record in our areas of expertise: metallurgy, surface technology, engineering, manufacturing, ICT, independent financial service for investors & companies: due diligence, raising capital, angel investment in some unique projects, human resource service for high profile IT / Fintech companies.

**Business or Sector** Professional, scientific and technical activities | **Website** <https://slv-tech.com/>

**01/10/2014 – 19/12/2023**

● **Field sales engineer / Belzona Consultant** H+K Ltd.

-Regional representative of the H+K Ltd.

-Managing existing customers, new customer acquisitions

-Salesmanship / application of corrosion-erosion, heat and chemical resistant coatings and composite repair systems (epoxy/PUR): cold bonding, composite wraps, membranes

-Salesmanship special welding consumables and thermal spray service

**03/2017 – 10/2021** Miskolc, Hungary

● **Member Of The Supervisory Board** Egyetemi Campus Plus (ECP) Kft.

**07/2011 – 08/2012** Miskolc, Hungary

● **Junior Supplier Quality Engineer** Robert Bosch Power Tools Kft.

Complaint handling, 8D / corrective action tracking, complaint related financial and logistical management, supplier audit.

Managed commodities / suppliers: alu die-cast, plastic, some electronic.

**Address** Bosch park 1., Miskolc, Hungary

## EDUCATION AND TRAINING

**09/2012 – 30/08/2015** Miskolc-University city, Hungary

● **Materials Science and Technology PhD** UoM, FMCE, Antal Kerpely Doctoral School of Materials Science & Technology

Investigation of vitreous enamel (aka. glass-lining) as a coating with GD-OES depth profiling  
Just absolutionarium up to now.

**2009 – 2011** Miskolc, Hungary

● **Metallurgical engineer MSc** University of Miskolc, Faculty of Material Science and engineering

Foundry practice, qualitycontrol

Thesis topic (foundry practice): Strengthening of the Aluminium cylinderhead castings with T5 heat treatment

**Address** Universitycity, 3515, Miskolc, Hungary | **Field of study** Engineering

**2005 – 2009** Miskolc, Hungary

**Material engineer BSc** University of Miskolc, Faculty of Material Science and engineering

Metallurgy/foundry practice

Thesis topic (steelmaking): Specific fuel consumption reduction of the EAF with fossil burners

**Address** Universitycity, 3515, Miskolc, Hungary | **Field of study** Engineering

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Hungarian

**Other language(s):**

**English**

**Listening** B2

**Reading** B2

**Writing** B2

**Spoken production** B2

**Spoken interaction** B2

**German**

**Listening** A1

**Reading** A1

**Writing** A1

**Spoken production** A1

**Spoken interaction** A1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ADDITIONAL INFORMATION

**Conferences and seminars**

- Seminars** Initial Training Seminar, Belzona Polymerics Ltd. (2014)
- Seminars** Warp Innovation Train-the-Trainer Program certification of participation (2015)

**Honours and awards**

- Honours and awards** Medalion for academic work (silver degree) (2006,2007)
- Honours and awards** GE Foundation Scholar-Leader (2006-2010)
- Honours and awards** Ózd Steel Award (2008), Steelwork of Ózd
- Honours and awards** Academic Scholarship of Miskolc City (2015)
- Honours and awards** New National Excellence Program - PhD candidate beneficiary  
Title: Innovative coating development for the in situ repair of chemical reactors  
Field of expertise: surface technologies, surface treatment, metallurgy  
Sep 2017 honor issuer Ministry of Human Capacities  
<https://vm.mtmt.hu/www/index.php?AuthorID=10053981> [https://www.researchgate.net/profile/Gabor\\_Lassu](https://www.researchgate.net/profile/Gabor_Lassu)

**Courses**

- Courses**  
Forth Innovation Training (2018)