



Wrocław University
of Science and Technology



Name: [Assoc. Prof. Damian Derlukiewicz](#)

Institution: Wrocław University of Science and Technology

Position: Innovation Broker, Vice Director at CIB, Project Manager, Associate Professor at WUST

Contact: damian.derlukiewicz@pwr.edu.pl

Specialization: Specialist in mechanical engineering, with expertise in the design of machinery and equipment, numerical modeling using the Finite Element Method (FEM), and innovative methodologies such as "Design Thinking." Experienced also in the commercialization of technology and technology transfer. He has held roles as Vice Director of WUST's Centre for Scientific and Technical Information and served on the "Knowledge 4 Innovation – K4I" platform at the European Parliament.



Name: Ing. Peter Szuttor

Institution: National Contact Point of Slovak Centre of Scientific and Technical Information (CVTI)

Position: Horizon Europe National Contact Point

Contact: peter.szuttor@cvtisr.sk

Specialization: Support of Slovak institutions and researchers in accessing EU research grants, particularly under Horizon Europe. His responsibilities include providing guidance on application procedures, eligibility criteria, and strategic alignment with EU priorities. He is also involved in initiatives aimed at promoting best practices and enhancing the support infrastructure for applicants.



Name: Dr. Vladimír Švač

Institution: Research And Innovation Authority (VAIA)

Position: Domain Specialist for Industry

Contact: vladimir.svac@vlada.gov.sk

Specialization: Innovation management specialist who focuses on innovation management trainings and workshops for industrial companies established in Slovakia. He is a lecturer and moderator of the Slovak prestigious event called „R&D Leaders Forum”. Vladimír is author of the book "Inovujte o 106".



ESET Foundation



Name: MgA. Paulina Böhmerová

Institution: ESET Foundation

Position: Science Affairs Liaison at ESET/ ESET Foundation

Contact: paulina.bohmerova@eset.com

Specialization: She was responsible for organizing the international conference on EU Reindustrialization 2016. She later served as the National Contact Point for Horizon 2020. She also participated in international projects ERA-diate and MOTIV at the University of Žilina. Since 2018, she has been part of the CSR team, overseeing the ESET Science Award, which honors excellent scientists.



Name: Elena Canetti, MBA

Institution: Inveniam Group

Position: Co Managing Partner

Contact: elena@inveniam-group.com

Specialization: International expert in Technology Transfer. Having completed hundreds of licensing and research deals in the pharmaceutical, high-tech and chemical industries, Elena brings years of experience with tech commercialization in international markets.



FunGlass – Centre for Functional and Surface Functionalized Glass



Joint Glass Centre (Vitrum Laugaricio -VILA) Department



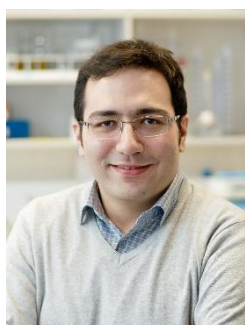
Name: [Prof. Dušan Galusek](#)

Institution: FunGlass Centre, TNUAD

Position: FunGlass Director, Head of VILA Department, Researcher

Contact: dusan.galusek@tnuni.sk

Specialization: Advanced ceramic materials and composites, transparent oxide ceramics, metal-organic preceramic precursors, aluminate glasses, bioactive materials, corrosion and corrosion protection. He has emphasised the importance of international collaboration, building research infrastructure in Slovakia, and raising the global profile of Slovak materials science. His work is noteworthy also for bridging the gap toward application.



Name: [Dr. Ali Talimian](#)

Institution: FunGlass Centre, TNUAD

Position: VILA Department, Researcher

Contact: ali.talimian@tnuni.sk

Specialization: Ceramics composites, processing of materials, mechanical properties of materials, fabrication and characterisation of transformation toughened ceramics, transparent ceramics, high-Strength glasses, glass technology.

Department of Glass Processing



Name: [Dr. Jozef Kraxner](#)

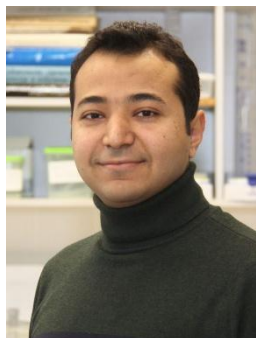
Institution: FunGlass Centre, TNUAD

Position: Head of Department of Glass Processing, Researcher

Contact: jozef.kraxner@tnuni.sk

Specialization: Preparation, testing, and analysis of the physical properties of glass and glass melts. His research focuses on developing and preparing new materials from waste glasses through recycling and upcycling processes, as well as creating glass and glass-ceramic foams. He works also on developing various glass microspheres in solid, hollow, and porous forms for diverse applications and

explores the creation of new glass-ceramic composites, 3D structures, and BIO-active 3D scaffolds/structures using various additive manufacturing techniques.



Name: [Dr. Mokhtar Mahmoud](#)

Institution: FunGlass Centre, TNUAD

Position: Glass Processing, Researcher

Contact: mokhtar.mahmoud@tnuni.sk

Specialization: Fabrication of glass microspheres for various applications in environmental and medical domains, expertise is harnessed in additive manufacturing methods like stereolithography, direct ink writing, and fused deposition modeling. Pioneering the creation of intricate components with unmatched precision and utility, a dedication to innovation and collaborative interdisciplinary efforts drives the exploration of materials science for societal advancement.

Department of Biomaterials



Name: Dr. Martin Michálek

Institution: FunGlass Centre, TNUAD

Position: Head of Department of Biomaterials, Researcher

Contact: martin.michalek@tnuni.sk

Specialization: Bioactive materials and their applications in tissue engineering and regenerative medicine. His work focuses on developing innovative bioactive glass formulations, mesoporous materials, and biodegradable scaffolds designed for enhanced biological performance. He has made significant contributions to the development of sustainable and functional materials, as exemplified by his research on electrospun fibres, 3D scaffolds, and environmentally friendly fabrication methods. Collaborating with international teams bridges the gap between materials science and biomedical applications.



Name: [Dr. Zuzana Neščáková](#)

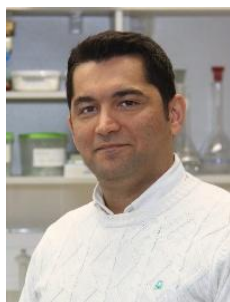
Institution: FunGlass Centre, TNUAD

Position: Department of Biomaterials, Researcher

Contact: zuzana.nescakova@tnuni.sk

Specialization: Biomaterials, biology, microbiology, immunology and cell-biology. At the Dep. of Biomaterials have been developing new biomaterials with applications in regenerative medicine of hard and soft tissue and for delivery of the drugs. Her research involves multidisciplinary study of developing materials in the terms of biocompatibility, biodegradability, bioresorbability and bioactivity.

Department of Coating Processes



Name: [Assoc. Prof. Amirhossein Pakseresht, PhD.](#)

Institution: FunGlass Centre, TNUAD

Position: Head of Department of Coating Processes, Researcher

Contact: amir.pakseresht@tnuni.sk

Specialization: A materials scientist with a strong background in thermal barrier coatings (TBCs), corrosion science, and advanced thin-film technologies. Specialized in hot corrosion behavior and protective strategies for extreme environments, with expertise in splat morphology analysis to understand the microstructural evolution of coatings. Skilled in the fabrication of thin films using PVD and PECVD methods for functional surface engineering. Experienced in the development of ceramic and metallic composites, as well as the investigation of high-entropy materials with a focus on their corrosion resistance and thermal stability.



Name: [Omid Sharifahmadian, PhD.](#)

Institution: FunGlass Centre, TNUAD

Position: Researcher, Department of Coating Processes

Contact: omid.sharifahmadian@tnuni.sk

Specialization: Thin Film deposition, surface analysis, tribology, evaluation of optical and mechanical properties of thin film and coatings. He has focused on a variety of issues in the fields of thin film deposition by PECVD and PVD methods, and coatings fabricated by electrophoretic deposition process (EPD). Additionally, he works on developing novel smart diamond like carbon (DLC) coatings with different doped elements like N, F, Si to promote wear resistance and self-cleaning of the glasses. His current research mainly focuses on low-e and antireflective coatings for solar cell and smart window applications.

Department of Functional Materials



Name: [Assoc. Prof. Jose Joaquín Velázquez García](#)

Institution: FunGlass Centre, TNUAD

Position: Head of Department of Functional Materials, Researcher

Contact: jose.velazquez@tnuni.sk

Specialization: Conduct research into the development of functional glass-based materials. The research direction involves developing and modifying novel glass, glass-ceramics, ceramics and nanoparticle-based materials, including oxyfluoride and semiconductor glasses, optically active materials, porous materials and metal-

organic frameworks (MOFs), for use in optics and energy applications. Associate Professor José J. Velázquez is interested in designing new materials and integrated systems for photocatalysis, gas sensing, gas separation, wastewater treatment and photodynamic therapy, among others.



Name: [Dr. Surjyakanta Rana](#)

Institution: FunGlass Centre, TNUAD

Position: Department of Functional Materials, Researcher

Contact: surjyakanta.rana@tnuni.sk

Specialization: Specializing in Mesoporous silica, zirconia, CeO₂, TiO₂, layered double hydroxides, acid active clay materials (montmorillonite), carbon-based graphene materials, functionalization, nanomaterials, organo-inorganic hybrid materials, nanocomposite materials for energy and environmental applications. His interest includes also plasma catalytic reforming of CO₂ over 3D printed catalyst/ supported Cu catalysts and growth of MOFs on the surface of 3D printed ceramic scaffolds for gas separation applications.

Department of Glass Analytics



Name: [Dr. Dagmar Galusková](#)

Institution: FunGlass Centre, TNUAD

Position: Head of Department of Glass Analytics, Researcher

Contact: dagmar.galuskoval@tnuni.sk

Specialization: Methodology support for testing and evaluation of corrosion resistance and durability of silicate materials, application of analytical methods in glass analytics and material science, managing development of *in-house* glass reference materials, supervision and coordination of method development for material characterization with the use of inductively coupled plasma techniques.



Name: [Dr. Branislav Hruška](#)

Institution: FunGlass Centre, TNUAD

Position: Researcher, Department of Glass Analytics

Contact: branislav.hruska@tnuni.sk

Specialization: He works in the field of materials science, focusing on glasses, glass-ceramics, and inorganic materials. His research specialization includes the identification of inorganic materials using spectroscopic methods, particularly Raman spectroscopy, as well as high-temperature experimental techniques applied to the study of the structural and thermal properties of glasses. In addition to his research activities, he coordinates collaboration with industrial partners.



Name: [Dr. Hana Kaňková](#)

Institution: FunGlass Centre, TNUAD

Position: Researcher, Department of Glass Analytics

Contact: hana.kankova@tnuni.sk

Specialization: Dr. Kaňková specializes in the chemical analysis of glass and glass-related materials using techniques such as ICP-OES, ICP-MS, XRF, and laser ablation. Her research also focuses on the development and preparation of novel glass reference materials suitable for various analytical methods, including laser ablation. In addition, she investigates the bioactivity and chemical durability of materials intended for biomedical applications, testing them in medias such as SBF, DMEM, TRIS, and others, under both static and dynamic conditions. She is also currently working on a project focused on the recycling and upcycling of glass waste.

GlaCerHub Innovation Chair



Name: [Assoc. Prof. David Salamon](#)

Institution: FunGlass, CEITEC

Position: GlaCerHub Innovation Chair, Researcher

Contact: david.salamon@tnuni.sk

Specialization: Specilizing in ceramics and advanced processing methods like ceramic processing, ceramic membrane reactors sintering techniques, rapid processing techniques. He is a co-founder of the spin-off company TriCera and was appointed as GlaCerHub Innovation Chair, bringing extensive expertise and an international network. He plays a key role in shaping and accelerating innovation, mentoring researchers and Business Development Officers, and fostering strategic partnerships with industry. His efforts focused also on building trust in innovation, supporting talent development, and enhancing the hub's long-term sustainability.

Central Administration Unit



Name: [Peter Hošťák, PhD.](#)

Institution: FunGlass Centre, TNUAD

Position: Head of Administration and European Projects Office

Contact: peter.hostak@tnuni.sk

About: Since 2017, he has been leading the team responsible for project management and administrative support of the FunGlass. Together with his colleagues, he contributed to the transformation of the Center of Excellence, which in its seven

years of existence managed to raise more than €35M in competitive funding for domestic and international research projects. Although the FunGlass Centre is dedicated to research in glass and ceramic-based materials, composites and coatings, Peter's scientific background is in accounting and public finance.



Name: Monika Šandrejová, MBA

Institution: FunGlass Centre, TNUAD

Position: Project manager at FunGlass Centre

Contact: monika.sandrejova@tnuni.sk

Specialization: As a member of the European Project Office at the FunGlass Centre, she is responsible for managing EU-funded projects (e.g., FunGlass, CLiCAM, GlaCerHub), with a focus on financial coordination. She supports proposal preparation, monitors funding opportunities, compliance, and facilitates communication with project partners and the European Commission ensures timely reporting and. She is also involved in organizing project meetings and dissemination activities. Her work helps ensure the smooth implementation of research projects and supports the Centre's international collaboration efforts.



Name: Mgr. Michaela Matejová

Institution: FunGlass Centre, TNUAD

Position: Project manager at FunGlass Centre

Contact: michaela.matejova@tnuni.sk

Specialization: Member of the European Project Office responsible for managing EU-funded projects such as GlaCerHub, CLiCAM, and BiCEPS. She assists with proposal preparation and ensures the smooth implementation of projects.



Name: [Dr. Andrea Chrastinová Kalinayová](#)

Institution: FunGlass Centre, TNUAD

Position: Project manager at FunGlass Centre

Contact: andrea.chrastinova@tnuni.sk

Specialization: Member of the European Project Office responsible for monitoring of/informing researchers about grant calls and their conditions, providing provides administration support during preparation of EU projects applications, preparation of documentation for EU projects reports, communication with European Commission, event organization and dissemination of information.



Name: Ing. Lucia Holúbková

Institution: FunGlass Centre, TNUAD

Position: Project manager at FunGlass Centre

Contact: lucia.holubkova@tnuni.sk

Specialization: Member of the European Project Office responsible for managing EU-funded projects. She assists with proposal preparation, ensures the smooth implementation of projects, facilitates communication with project partners and the European Commission.



Name: [Prof. Pavol Šajgalík](#)

Institution: Slovak Academy of Sciences (SAS)

Position: Ex-president of SAS, Senior Scientist

Contact: uachsajg@savba.sk

Specialization: He has devoted his career to research on advanced structural ceramics, ceramic composites, and the relationships between microstructure and mechanical performance, contributing significantly to the development of high-performance materials. As a leading figure in Slovak science, he has championed modernization, international collaboration, and stronger links between academic research and technological innovation.



Name: [Dr. Peter Tatarko](#)

Institution: Institute of Inorganic Chemistry SAS

Position: Senior Scientist

Contact: peter.tatarko@savba.sk

Specialization: Development of ultra high temperature ceramics for extreme applications, such as aerospace and nuclear industry. Development of new joining technique and materials to join ceramics and other materials for aerospace and nuclear applications. Powder processing route of ceramics, synthesis of ceramics, electric current assisted sintering technology, microstructure and mechanical properties study of ceramics and related materials.



Name: [Assoc. Prof. Pavol Hvizdoš](#)

Institution: Institute of Materials Research SAS

Position: Head of Institute of Materials Research

Contact: phvizdos@saske.sk

Specialization: His work focuses on the mechanical properties and microstructure of advanced ceramics and composites. His research focuses on microstructure–mechanical-property relationships in ceramics and composites, layered and functionally gradient materials, and he is also recognized for his contributions to

materials engineering and his leadership in both national and international research projects.



Name: Assoc. Prof. Miroslav Hnatko

Institution: Centre for Advanced Materials Application SAS

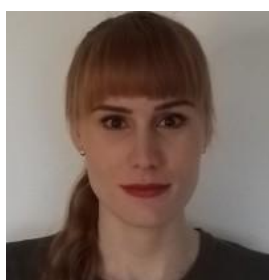
Position: Head of Department of Ceramics at Institute of Inorganic Chemistry SAS and Director of CEMEA

Contact: uachmiho@savba.sk

Specialization: Specializing in advanced ceramic materials, high-temperature composites, and nanostructured systems. His work focuses on the synthesis, characterization, and application of functional materials for energy, electronics, and structural uses. He has extensive experience in materials engineering, particularly in powder processing and sintering technologies. He has authored numerous scientific papers and led several national and international research projects aimed at innovation in advanced material applications.



institute of materials
& machine mechanics
slovak academy of sciences



Name: Mgr. Mária Strejčková

Institution: Institute of materials and machine mechanics SAS

Position: Project manager

Contact: maria.strejckova@savba.sk

Specialization: Implementation of projects, managing financial resources, monitoring project timelines, and ensuring the achievement of established goals.



Name: [Ing. Josef Polena](#)

Institution: CEITEC Brno University of Technology

Position: Business Development Officer

Contact: josef.polena@ceitec.vutbr.cz

Specialization: Material chemistry, ceramics. Experience with refractory materials, primarily for iron metallurgy applications (e.g. blast furnaces), with product introduction into production and with B2B sales and negotiations.



Name: [Blahomír Skoupy](#)

Institution: CEITEC Brno University of Technology

Position: European Projects Manager

Contact: blahomir.skoupy@ceitec.vutbr.cz

Specialization: Support of researchers, projects management during all lifetime (pre-award, award, post award), projects events organisation, support of GlaCerHub Local Chapters, communication with external entities.

Tomas Bata University



Name: [Prof. Ivo Kuřitka](#)

Institution: Tomas Bata University in Zlín

Position: Research program director- Nanomaterials and Advanced Technologies

Contact: kuritka@utb.cz

Specialization: Materials scientist specializing in nanomaterials and advanced polymer systems. His research focuses on developing and processing polymer nanocomposites for applications such as carbon dioxide capture and aerospace materials. He is also an expert in polymer modification, nanomaterial synthesis, and the characterization of advanced composite materials.



Name: [Prof. Miroslav Fikar](#)

Institution: Slovak University of Technology

Position: Director of the Institute of Information Engineering, Automation, and Mathematics

Contact: miroslav.fikar@stuba.sk

Specialization: Expert in automation technology, process control, modelling and simulation, especially in optimal and predictive control of processes subject to constraints.

His research covers identification, optimisation (both static and dynamic), and control of chemical engineering processes such as wastewater treatment, distillation, membrane and neutralization processes.



Name: [Ing. Marianna Velčická Martvoňová](#)

Institution: Slovak University of Technology

Position: Head of Division of International Projects and International Relations at the Faculty of Materials Science and Technology (MTF)

Contact: marianna.martvonova@stuba.sk

Specialization: Implementation of projects, managing financial resources, monitoring project timelines, and ensuring the achievement of established goals. Additionally, she facilitates communication with domestic and international partners involved in cross-border and collaborative projects, contributing to the university's global engagement and development initiatives.

Name: [Mgr. Ondrej Gábriš](#)

Institution: Slovak University of Technology

Position: Project specialist at Division of International Projects and International Relations

Contact: ondrej.gabris@stuba.sk

Specialization: Implementation of projects, managing financial resources, monitoring project timelines, and ensuring the achievement of established goals.



Name: [Prof. Matej Daniel](#)

Institution: Czech Technical University in Prague

Position: Professor of biomechanics at Faculty of Mechanical Engineering

Contact: matej.daniel@cvut.cz

Specialization: Specialist in clinical biomechanics, with particular focus on the mechanics of the hip joint and hip replacements. He also works in cell mechanics, investigating how individual cells respond mechanically, which is relevant both for prosthetics and biomedical applications.



Name: [Assoc. Prof. Marián Mikula](#)

Institution: Comenius University in Bratislava

Position: Assoc. Prof. at Dept. of Experimental Physics, Faculty of Mathematics, Physics and Informatics

Contact: Marian.Mikula@fmph.uniba.sk

Specialization: Experimental physicist and materials scientist whose expertise lies in hard, nanostructured coatings, especially transition-metal nitrides and diborides. He works on the design, synthesis (via physical vapor deposition techniques), structural analysis, mechanical and tribological characterization, and oxidation and thermal stability of thin ceramic and metallic films.



Name: Dr. Martin Papula

Institution: Activair s.r.o.

Position: Founder & CEO

Contact: martin.papula@activair.cz

Specialization: Vacuum processes, material science, and advanced characterization techniques. Activair as a company offers complex solutions in vacuum, industrial air, one-use machines, and scientific instruments.



Name: Dr. Karel Zábranský

Institution: Activair s.r.o.

Position: Research Scientist | Project manager

Contact: karel.zabransky@activair.cz

Specialization: Advanced materials, advanced characterization techniques, thermal coatings and electrical engineering. Activair as a company offers complex solutions in vacuum, industrial air, one-use machines, and scientific instruments.



Name: Dr. Peter Mačuš

Institution: AT Crystals, s. r. o.

Position: CEO

Contact: peter.macus@atcrystals.com

Specialization: Leader of ATCrystals, a company specialising in the production (HDC) of large-scale doped YAG single crystals designed for applications in defence, laser fusion, and high-performance optics.



Name: Ing. Andrej Dočár

Institution: ESOX, spol. s r.o.

Position: business manager

Contact: andrej.docar@esox.red

Specialization: processed glass for facades and architectural applications, insulating glass.

GAMMA-ZA



Name: Ing. Ivan Hutňan

Institution: GAMMA-ZA, Trenčín

Position: CEO

Contact: hutnan@gammaza.sk

Specialization: Senior executive leading business strategy, market expansion, and distribution, specializing in advancing cell therapy products and services within regenerative medicine and immunotherapy sectors.



Name: Dr. Andreas Nicodemou

Institution: GAMMA-ZA, Trenčín

Position: CSO

Contact: nicodemou@gammaza.sk

Specialization: Senior executive specializing in regenerative medicine and immunotherapy with cells and extracellular vesicles, leading R&D, scientific strategy, innovation, and cross-team collaborations to advance company goals.



Name: Ing. Jozef Šuška, MBA

Institution: Messer Tatragas, spol. s r.o.

Position: Application specialist – metalurgy and heat treatment

Contact: jozef.suska@messergroup.com

Specialization: Combination of a Business development manager and a Project manager. Specialist responsible for market expansion, leading technical and business meetings and implementation of new applications “innovations” to the market, in particular: optimizing burner technology for melting furnaces and protective atmospheres for heat treatment applications. The main goal is to ensure smooth implementation of projects from first contact to installation of applications - devices including staff training.



Name: [Dr. Carmen Vladu](#)

Institution: RHP-Technology GmbH

Position: Deputy Head of Advanced Materials Group

Contact: c.vl@rhp.at

Specialization: Focus on advanced materials including high entropy alloys, metallic glasses, light-weight and high-stiffness metals, and smart materials, especially in relation to material tuning and thin-film solution.



Name: Dr. Marianna Čierniková

Institution: RONA a.s.

Position: Technical specialist

Contact: marianna.ciernikova@rona.sk

Specialization: registration and maintenance of intellectual property of RONA, a.s. (patents, utility patterns), update of the REACH regime, customer support in the field of corrosion of utility glass, process of technical certification of utility glass, compliance with EU regulations in the field of utility glass, participating in the preparation of EU projects, management of a decarbonization project in the Modernization Fund program.



Name: Mr. Ivan Ševeček

Institution: RONA a.s.

Position: Technologist of glass melting process

Contact: ivan.sevecek@rona.sk

Specialization: Supervision of the glass melting process, monitoring parameters of melting furnaces, solving everyday challenges, managing a team of operators.



MINISTRY

**OF INVESTMENTS, REGIONAL DEVELOPMENT
AND INFORMATIZATION
OF THE SLOVAK REPUBLIC**



Name: Ing. Andrej Milo

Institution: Regional Center Trenčín, Ministry of Investment, Regional Development and Informatics of the Slovak Republic

Position: Specialist

Contact: andrej.milo@mirri.gov.sk

Specialization: Advice and support provision for preparing and implementing projects funded by European Union grants. Assistance to municipalities, businesses, and organizations in the Trenčín region to effectively access and manage these funds for local development.



Name: Mgr. Rafael Janíček, MBA

Institution: Regional Center Trenčín, Ministry of Investment, Regional Development and Informatics of the Slovak Republic

Position: Specialist

Contact: rafael.janicek@mirri.gov.sk

Specialization: Advice and support provision for preparing and implementing projects funded by European Union grants.

Assistance to municipalities, businesses, and organizations in the Trenčín region to effectively access and manage these funds for local development.



Name: Ing. Ján Václav

Institution: Slovak Chamber of Commerce and Industry

Position: Director of Trenčín Regional Chamber

Contact: vaclav@sopk.sk

Specialization: Mechanical Engineering, International Relations, Networking, Supporting international cooperation and fostering business development in the region.



Name: Patrik Žák, BSBA

Institution: City of Trenčín

Position: Second Deputy Mayor of the City of Trenčín

Contact: patrik.zak@trencin.sk

Specialization: Managing the city's administration and represents the Mayor in their absence. They help coordinate municipal departments, support local initiatives, and ensure the implementation of city policies.