



18th Prof. Vladas Gronskas International Scientific Conference

Abstract Book

1st of December, 2023

2023

 VILNIUS
UNIVERSITY
PRESS

The logo consists of the letters 'VU' in a stylized font where the 'U' has a small upward arrow above it, all contained within a square frame. Below this is a symbol resembling a Greek letter 'n' with a dot above it, also within a square frame.

Scientific Committee

Prof. Dr Remigijus Čiegiš, Vilnius University, Lithuania
Prof. Dr Veselin Draskovic, University of Montenegro, Montenegro
Prof. Dr Edmundas Jasinskas, Vilnius University, Lithuania
Prof. Dr Dalia Krikščiūnienė, Vilnius University, Lithuania
Prof. Dr Asta Mikalauskienė, Vilnius University, Lithuania
Prof. Dr Kristina Rudžionienė, Vilnius University, Lithuania
Prof. Dr Dalia Štreimikienė, Vilnius University, Lithuania
Prof. Dr Mine Afacan Findikli, İstinye University, Turkey
Prof. Dr Rūta Čiutienė, Kaunas University of Technology, Lithuania
Assoc. Prof. Kiaušienė Ilona, Vilnius University, Lithuania
Assoc. Prof. Ali Balkanlı, İstanbul University, Turkey
Assoc. Prof. Rasa Pušinaitė – Gelgotė, Vilnius University, Lithuania
Assoc. Prof. Ingrida Šarkiūnaitė, Vilnius University, Lithuania
Assoc. Prof. Rumiana Zlateva, Konstantin Preslavsky University of Shumen, Bulgaria
Assoc. Prof. Giedrius Romeika, Vilnius University, Lithuania
Dr Indrė Šciukauskė, Vilnius University, Lithuania
Lect. Dr Beatrice Leustean, University POLITEHNICA of Bucharest, Romania
Dr Rasa Bartkutė, Vilnius University, Lithuania

Organizing Committee

Project Manager:

Assoc. Prof. Dr Ingrida Šarkiūnaitė, Vilnius University, Lithuania
Dean of Vilnius University Kaunas Faculty, Assoc. Prof. Dr Giedrius Romeika

Doctoral students:

Aistė Kukytė
Mariam Kazradze
Viltė Lubytė

Public Relations:

Rima Kubiliūtė
Domantė Vaišvydaitė
Jorė Bendinskaitė
Monika Būblaitytė

IT manager:

Juozas Stočkus

Editors:

Prof. Dr Dalia Krikščiūnienė, Assoc. Prof. Dr Ingrida Šarkiūnaitė

ISBN 978-609-07-0993-1

<https://doi.org/10.15388/VGISC.2023.II>

© Authors, 2013

© Vilnius University, 2023.

This is an Open Access article distributed under the terms of the Creative Commons Attribution Licence, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

POSTERS

**KAROLIS
VAGUSEVIČIUS**

Vilnius University,
Lithuania
karolis.vagusevicius@knf.stud.vu.lt

**AUŠRINĖ
VAINAUSKAITĖ**

Vilnius University,
Lithuania
ausrine.vainauskaite@knf.stud.vu.lt

SUPERVISOR: PROF. DR DALIA KRIKŠČIŪNIENĖ

SEARCH ENGINE OPTIMISATION (SEO) SCORE AND WRITTEN CONTENT IMPROVEMENT USING GENERATIVE AI TOOLS

Abstract.

In our project, we looked for ways to make websites' rank better in search engine results, focusing on SEO (Search Engine Optimization). We talked about how important it is to create good content and choose the right keywords to improve a website's SEO score. We also showed how using AI (Artificial Intelligence) can help with these SEO tasks. Our work on the "AI Naujienos" website is an example of how using AI can make SEO even better. This presentation is great for anyone who wants to make their website more visible online, using both traditional SEO methods and some help from AI.

Key words: *search engine optimization, SEO score, artificial intelligence, written content improvement.*

POSTERS

Search Engine Optimisation (SEO) score and written content improvement using generative AI tools

INDRODUCTION

After focusing on the **written content enhancement**, we have identified key elements essential for achieving a high **SEO score**. This research has led us to a deeper understanding of the strategies necessary for optimizing written content effectively for search engines. By integrating AI to enhance **SEO** strategies, we analyzed traditional **SEO** tactics and implemented **AI tools** for **keyword optimization** and **content creation**. This approach led to significant improvements in **SEO** performance. Our findings demonstrate the effectiveness of AI in modern **SEO** practices and suggest promising directions for future research in this area.



Enhanced Content: We crafted engaging and relevant content using artificial intelligence tools.



Better Image SEO: We utilized AI to make images searchable, improving your site's visibility.

Smart Keywords: We analyzed and researched website keywords using Google AdWords platform.



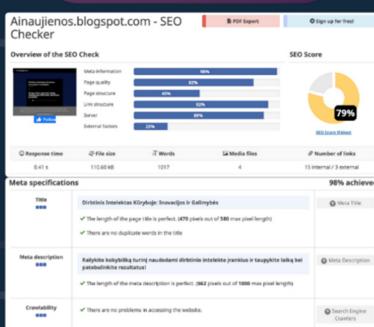
SEO SCORE



Keyword Optimization: How we researched keywords?

Content Quality: How we crafted original and high quality content?

Content Structure: How we used headings, subheadings, and logical flow to increase our SEO score?



WORKING TEAM

Vilnius University Kaunas faculty Marketing technologies students: **Ausrinė Vainauskaitė** (Lithuania) and **Karolis Vagusevičius** (Lithuania)

✉ ausrine.vainauskaite@knf.stud.vu.lt
✉ karolis.vagusevicius@knf.stud.vu.lt

SUPERVISOR

Prof. dr. Dalia Krikščiūnienė