

Asst. Prof. ELİF EMEL FIRAT

Personal Information

Email: eefirat@cu.edu.tr

Web: <https://avesis.cu.edu.tr/eefirat>

International Researcher IDs

ScholarID: Elif

ORCID: 0000-0001-9497-7928

Yoksis Researcher ID: 378244

Education Information

Doctorate, The University of Nottingham, Bilgisayar Bilimleri Departmanı, Bilgisayar Bilimleri , England 2018 - 2022

Postgraduate, Swansea University, Bilgisayar Bilimleri Departmanı, Bilgisayar Bilimleri , England 2016 - 2017

Undergraduate, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2010 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Visualization Resources: A Survey**
Liu X., Alharbi M., Chen J., Diehl A., Rees D., Firat E. E., Wang Q., Laramée R.
INFORMATION VISUALIZATION, vol.22, 2022 (SCI-Expanded)
- II. **Visualization for epidemiological modelling: challenges, solutions, reflections and recommendations**
Dykes J., Firat E. E., Abdul-Rahman A., Archambault D., Bach ., Borgo R., Chen M., Enright J., Fang .
PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A: MATHEMATICAL, PHYSICAL AND ENGINEERING SCIENCES, vol.380, pp.210-299, 2022 (SCI-Expanded)
- III. **VisLitE: Visualization Literacy and Evaluation**
Firat E. E., Joshi A., Laramée R. S.
IEEE COMPUTER GRAPHICS & APPLICATIONS, vol.42, pp.99-107, 2022 (SCI-Expanded)
- IV. **Interactive visualization literacy: The state-of-the-art**
Firat E. E., Joshi A., Laramée R.
INFORMATION VISUALIZATION, vol.21, pp.285-310, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Comparative Review of Evaluation in Visualization Literacy Studies**
Firat E. E.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.2, pp.391-399, 2023 (Peer-Reviewed Journal)
- II. **PCP-Ed: Parallel coordinate plots for ensemble data**
FIRAT E. E., Swallow B., Laramée R.
Visual Informatics, vol.7, pp.56-65, 2023 (Scopus)
- III. **P-Lite: A study of parallel coordinate plot literacy**
FIRAT E. E., Denisova A., Wilson M., Laramée R.
Visual Informatics, vol.6, 2022 (Scopus)
- IV. **Complex model calibration through emulation, a worked example for a stochastic epidemic model**

Firat E. E.

Epidemics, vol.39, pp.100574-100578, 2022 (Scopus)

V. **Inclusivity for visualization education: a brief History, investigation, and guidelines**

FIRAT E. E., Laramée R.

ESPM Rio de Janeiro-Diálogo com a Economia Criativa, vol.2, no.12, pp.146-160, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Evaluating the Recommendations of LLMs to Teach a Visualization Technique using Bloom's Taxonomy**

Joshi A., Srinivas C., FIRAT E. E., Laramée R. S.

IS and T International Symposium on Electronic Imaging 2024: Visualization and Data Analysis, VDA 2024, California, United States Of America, 21 - 25 January 2024, vol.36

II. **Evaluating Bloom's Taxonomy-based Learning Modules for Parallel Coordinates Literacy**

Peng I., Firat E. E., Joshi A., Laramée R.

The Eurographics Association Conference, Reims, France, 25 April 2022

III. **Visualization Resources: A Starting Point**

Liu X., Alharbi M., Chen J., Diehl A., Firat E. E., Rees D., Wang Q., Laramée R.

Information Visualization Conference, 05 July 2021, pp.160-169

IV. **VisGuided: A community-driven approach for education in visualization**

Diehl A., Firat E. E., Torsney-Weir T., Abdul-Rahman A., Bach B., Laramée R., Pajarola R., Chen M.

The Eurographics Association Conference, 07 May 2021, vol.1, pp.20

V. **Towards a survey of interactive visualization for education**

Firat E. E., Laramée R.

Proceedings of the Conference on Computer Graphics & Visual Computing, Swansea, England, 13 September 2020, pp.91-101

VI. **Treemap Literacy: A Classroom-Based Investigation**

Firat E. E., Denisova A., Laramée R.

The Eurographics Association Conference, 27 May 2020, vol.3, pp.29-37