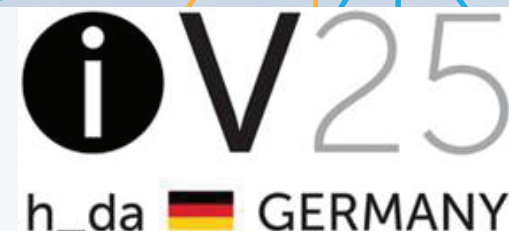




29<sup>th</sup> International Conference on Information Visualisation

# Graph Theory & Network Visualization



h\_da  GERMANY

5 - 8 August 2025 | Darmstadt University of Applied Sciences • Darmstadt • Germany

Graph or network theory and its visualization mathematically structure, model and visualize pairwise relations between objects and attributes. Graphs or networks and visualization have been used in many applications, such as website maps, evolutionary trees, phylogenetic trees, molecular trees, genetic maps, data flow diagrams, subroutine-call graphs, and entity-relationship diagrams, semantic networks, knowledge-representation diagrams, and many more. This focused symposium provides a premier international forum for researchers and industrial practitioners to exchange state-of-the-art ideas in theories, designs, evaluations, and applications in the field of graph theory and network visualization.

## Topics of Interest

- AI in Graph Theory & Network Visualisation
- Graph drawing algorithms, visualization methods and graph interaction
- Applications and tools for effective visualization of graphs and networks
- Graph and network theory, and their applications
- Evaluation of graph and network visualisation and interaction.
- Human perception and cognition in graph and network visualization
- Benchmarking tools for studies of network visualization systems, user interfaces and graph theory
- Visual Analytics with graphs and networks

**Preconference Course:** Doctoral Research Workshop

**Researcher Link Forum:** Research Project Collaboration

**Focus Group Publication:** Conference Publication

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**Submission:**  
<https://www.conftool.org/IV-cgiv-2025/>  
**Main Symposium:**  
<http://www.graphicslink.co.uk/IV2025/index.htm>



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