

## Important Dates

Title and descriptive abstract submission	16th Nov 2017
Long and short paper submission	23rd Nov 2017
Poster and Abstract submission	28th Nov 2017
Rebuttal phase	12th-17th Jan 2018
Notification	26th Jan 2018
Camera-ready copies	16th Feb 2018
Diagrams conference	18th-22nd Jun 2018



## Organising Committee

**General Chair:** Peter Chapman,  
Edinburgh Napier University, UK

**Program Chairs:** Gem Stapleton,  
University of Brighton, UK, and Amirouche Moktefi,  
Tallinn University of Technology, Estonia

**Publicity Chair:** Atsushi Shimojima,  
Doshisha University, Japan

**Abstracts Chair:** Sarah Pérez-Kriz,  
George Mason University, the MITRE Corporation, USA

**Workshops and Tutorials Chair:** Renata de Freitas,  
Universidade Federal Fluminense, Brazil

**Graduate Symposium Chair:** Andrew Blake,  
University of Brighton, UK

## Keynote Speakers

**Ahti-Veikko Pietarinen**, Tallinn University of  
Technology, Estonia

Internationally renowned philosopher, whose research interests span history and philosophy of logic, philosophy of language and signs, and game theory. His books include *Signs of Logic* (2006).

**Keith Stenning**, University of Edinburgh, UK

Prominent cognitive scientist, specializing in human reasoning and discourse. His publications include *Seeing Reason* (2002) and *Human Reasoning and Cognitive Science* (2008, with M. van Lambalgen).

## Edinburgh



Scotland's capital city attracts millions of visitors each year. From the UNESCO World Heritage Old and New Towns, to the bustling Port of Leith; from the Festival to the Fringe; from the Scottish Parliament to the Zoo; Edinburgh has something for everyone.

The city is well connected via road, rail, ferry, and air. Once there, the historic wynds and closes of the Old Town are best explored on foot. Buses and trams easily link the outskirts to the centre.

The conference technical program will take place at Edinburgh Napier University's Sighthill Campus, a short tram ride from Waverley station.

# DIAGRAMS EDINBURGH 18

10th International Conference on  
the Theory and Application of  
Diagrams

Edinburgh, UK  
June 18th - 22nd, 2018



[www.diagrams-conference.org/2018/](http://www.diagrams-conference.org/2018/)

# Call for Papers

Diagrams 2018 is the tenth conference in the biennial series that started in 2000. The multidisciplinary nature of Diagrams means it encompasses: architecture, art, artificial intelligence, biology, cartography, cognitive science, computer science, education, graphic design, history of science, human-computer interaction, linguistics, logic, mathematics, philosophy, psychology, and software modelling. The conference attracts a large number of researchers from these interrelated fields, positioning Diagrams as the major international event in the area.

Diagrams 2018 will be hosted by Edinburgh Napier University in the UK. The conference venue is located within a short distance of the UNESCO World Heritage designated-centre of Edinburgh. This makes the venue an ideal location for delegates to explore the vibrant city, famous for its castle, culture, and history.

The organisers are pleased to be able to offer centrally located, ensuite accommodation to delegates for around £45 per night which, alongside a low early registration fee (expected to be under £300 for faculty, £230 for students; amounts to be confirmed), makes this high-quality conference research-budget friendly.

Conference topics include, but are not limited to:

- applications of diagrams,
- computational models of reasoning with, and interpretation of, diagrams,
- design of diagrammatic notations,
- diagram understanding by humans or machines,
- diagram aesthetics and layout,
- educational uses of diagrams,
- evaluation of diagrammatic notations,
- graphical communication and literacy,
- heterogeneous notations involving diagrams,
- history of diagrammatic notations,
- information visualization using diagrams,
- nature of diagrams and diagramming,
- novel technologies for diagram use,
- philosophy of diagrams (see the Philosophy of Diagrams special call on the web),
- psychological issues pertaining to diagrams (see the Psychology of Diagrams special call on the web),

Further information can be obtained from: <http://www.diagrams-conference.org/2018/>

Reasoning with diagrams, semiotics of diagrams, software to support the use of diagrams, and usability and human-computer interaction issues concerning diagrams.

**If the main research contribution of your submission is considered to be on either of the special themes – philosophy of diagrams and the psychology of diagrams – you are strongly encouraged to submit to the respective special track, each of which has a dedicated program committee.**

Diagrams 2018 will include presentations of refereed Papers, Abstracts, and Posters, alongside tutorials, workshop sessions, and a graduate symposium. We invite submissions for peer review that focus on any aspect of diagrams research, as follows:

- Long Papers (16 pages)
- Abstracts (3 pages)
- Short Papers (8 pages)
- Posters (4 pages – this is both a maximum and minimum requirement)

All submissions should include diagrams where appropriate. Submission of Long Papers, Abstracts, Short Papers, and Posters should be made to either the main conference track, or one of the special session tracks, on the philosophy of diagrams and the psychology of diagrams.

Long Papers and Short Papers should report on original research contributions.

Submissions to the Abstracts category should report on significant research contributions, which may have been published elsewhere (such submissions must clearly cite prior work) or are intended to be published elsewhere. The contribution should be of a similar level to that expected of a Long Paper. Submissions to the Abstracts category will not be included as an archival contribution in the proceedings. Accepted Abstract submissions will be offered the same presentation time in the program as Long papers.

Posters may report on original, yet early stage, research or on previously published research that is of interest to the Diagrams community (such submissions must clearly cite prior work).

**Program Committee (Main Track)**

Dave Barker-Plummer, Stanford University, USA  
Lisa Beal, University of New Brunswick, Canada  
Alan Blackwell, University of Cambridge, UK  
Jean-Michel Boucheix, Université de Bourgogne, France  
Richard Burns, West Chester University, USA  
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Ryo Takemura, Nihon University, Japan  
Yuri Uesaka, University of Tokyo, Japan  
Agnes Veszelszki, Corvinus University of Budapest, Hungary  
Petrucio Viana, Universidade Federal Fluminense, Brazil

**Program Committees for Philosophy of Diagrams Theme and Psychology of Diagrams Theme** are listed on the conference web page.