

## Contact information

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Auxetics 2018 Conference Chairman

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## Conference venue and location

The conference will be held in the Cantor  
Building, Sheffield Hallam University, 153 Ar-  
undel Street, Sheffield, S1 2NU, UK

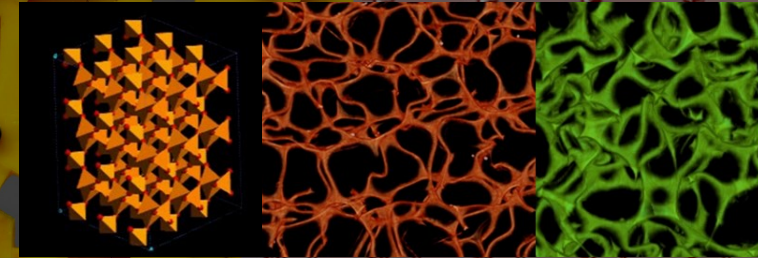


The Cantor building is a modern and sophisti-  
cated venue on Sheffield Hallam's city campus  
and is just a few minutes' walk from Sheffield  
railway station. This building boasts some of  
the most sustainable and energy-saving fea-  
tures anywhere in the city.

## Accommodation

A number of rooms have been reserved for  
conference delegates at the nearby  
Jurys Inn, 119 Eyre Street, Sheffield, S1 4QW.  
Alternative hotels are available in the city cen-  
tre location near to the conference venue.

# Auxetics 2018



9<sup>th</sup> International Conference and  
14<sup>th</sup> International Workshop on  
*Auxetics and Related Systems  
with "Negative" Characteristics*

10<sup>th</sup> to 13<sup>th</sup> September 2018

# Sheffield

<https://blogs.shu.ac.uk/auxetics2018>

Sheffield  
Hallam  
University | Materials and  
Engineering  
Research Institute

## Topics of the conference

The conference focusses on materials - some of which are also referred to as mechanical metamaterials - displaying 'unusual' mechanical and thermal properties, such as:

- negative Poisson's ratio ('auxetics')
- negative compressibility
- negative thermal expansion
- negative stiffness
- multifunctional systems incorporating negative behaviours

The elastic, viscoelastic, thermoelastic and magnetoelastic behaviour of solids, and liquids bordering on solids, fall within the remit of this meeting. Contributions in the areas of experiment, theory, computer simulation and applications are welcomed.

The programme will feature keynote speakers, oral presentations and a poster session. The conference will also host the 14<sup>th</sup> AuxetNet Young Researcher Forum, which provides early career researchers with the opportunity to present their work and to network with established experts in the field.

## Scientific Committee

Andy Alderson (UK)  
Kim L. Alderson (UK)  
Ray H. Baughman (USA)  
Sergey V. Dmitriev (Russia)  
Arcady V. Dyskin (Australia)  
Kenneth E. Evans (UK)  
Ruben Gatt (Malta)  
Anselm C. Griffin (USA)  
Joseph N. Grima (Malta)  
David M. Heyes (UK)  
Hong Hu (Hong Kong)  
Dennis M. Kochmann (Switzerland)  
Roderic S. Lakes (USA)  
Teik-Cheng Lim (Singapore)  
Graeme W. Milton (USA)  
Elena Pasternak (Australia)  
Fabrizio Scarpa (UK)  
Yun-Che Wang (Taiwan)  
Martin Wegener (Germany)  
Mary Anne White (Canada)  
Krzysztof W. Wojciechowski (Poland) - Conference Vice Chairman

## Local Organising Committee

Andy Alderson (UK) (Chair)  
Olly Duncan (UK)  
Leon Foster (UK)  
Shruti Mandhani (UK)  
Paul Mardling (UK)  
Charlotte Moroney (UK)  
Todd Shepherd (UK)

## Important deadlines

Abstract submission: 23<sup>rd</sup> July 2018  
Early bird registration & payment: 23<sup>rd</sup> July 2018  
Standard registration & payment: 24<sup>th</sup> August 2018

## Abstracts

Email submission of two-page (maximum) abstract to [auxetics2018@shu.ac.uk](mailto:auxetics2018@shu.ac.uk), indicating whether oral or poster presentation is preferred.

## Fees

Delegate Early Bird rate: £500.00  
Student Delegate Early Bird rate: £400.00  
Delegate Standard rate: £600.00  
Student Delegate Standard rate: £500.00

## Conference Website

Further details about the conference, including information for travel, alternative hotels, conference fees, Abstract templates, and portals for registration, payment and booking accommodation, are available, at <https://blogs.shu.ac.uk/auxetics2018>.