

Contact information

Professor Andy Alderson

Auxetics 2018 Conference Chairman

Materials and Engineering Research
Institute,

Faculty of ACES,

Sheffield Hallam University,

Harmer 2219,

Howard Street,

Sheffield S1 1WB,

UK

Email: auxetics2018@shu.ac.uk

Tel: +44 (0)114 225 3523

Conference venue and location

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

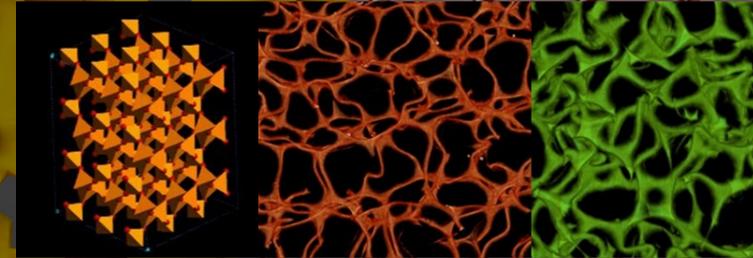


The Cantor building is a modern and sophisti-
cated venue on Sheffield Hallam's city campus
and is just a few minutes' walk from Sheffield
railway station. This building boasts some of
the most sustainable and energy-saving fea-
tures anywhere in the city.

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



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

10th to 13th 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 14th 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: 23rd July 2018
Early bird registration & payment: 23rd July 2018
Standard registration & payment: 24th August 2018

Abstracts

Email submission of two-page (maximum) abstract to 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>.