

---

# Annual Report to Charity Commission 2023

---

Prepared on Behalf of the British Society of Rheology by Anders Aufderhorst-Roberts, Honorary Treasurer

---

## Name of Charity

The British Society of Rheology

---

## Registration number

249967

---

## Address

Secretary British Society Rheology  
School of Engineering  
University of Warwick  
Coventry  
CV4 7AL

---

## Trustees in 2023

Anders Aufderhorst-Roberts  
Maria Charalambides  
Joseph Hodges  
Richard Simon Hodgkinson  
Christopher Ness  
Francesco Del Guidice  
Richard Stuart Graham  
Richard Lewis Thompson  
Monica S N Oliveira  
Claire McIlroy  
Joselio Batista Vieira  
Joshua Stephen Edward Marsh  
Richard L Watson  
Manlio Tassieri

---

## About the British Society of Rheology

The British Society of Rheology (BSR), a charitable society focussed on the science of "the deformation of matter". The BSR's main objective is to promote the science and the dissemination of knowledge in the areas of pure and applied rheology to all.

The Society was founded as an informal British Rheologists' Club in 1940 and it has grown greatly since then, and today has over 200 members from the UK and further afield, distributed worldwide. However, it still strives to preserve the informal Club atmosphere with members drawn from both academic life and from a wide range of industrial activities. Our members come from many scientific disciplines including materials science,

engineering, medicine, chemistry, biology, biochemistry, physics, mathematics and computer science. All offices of the Society are honorary appointments, and an elected Council is the governing body. Members are elected to serve on Council for a period of four years.

The BSR organises several annual scientific meetings, including the Non-Newtonian Club, as well as providing many other services to its members, such as our own bulletin publication. Student members are invited to apply for travel awards (financial grants to help towards covering the costs of attending conferences worldwide), and each year we hold a competition for the best Ph.D. thesis in rheology, by awarding the Vernon Harrison Prize. We also make an Annual Award to a distinguished rheologist and periodically award the BSR Gold Medal for outstanding contributions to rheology.

---

## Activities, Objectives and Performance in 2023

In 2023 the BSR organised three scientific meetings. In April 2023, the AGM took place as a hybrid meeting with the face-to-face component being held at Lake Vyrnwy. The conference at Lake Vyrnwy was a commemoration of Professor Ken Walters' vast contributions to rheology research. In September 2023 we organised the Non-Newtonian Club at the University of Warwick, providing an informal rheology discussion group which provides low-cost meetings with the aim of bringing together experienced and not-so-experienced rheologists from industry and academia. Finally in December 2023 we held our Midwinter Meeting at Lincoln University on the theme of "Modelling & Measurement of Complex Materials: what works, what doesn't, and what's needed? "

The BSR was also busy in supporting members with improved online resources and in meeting rising demand for undergraduate bursaries. In summer 2023, we awarded two student bursaries, enabling students to carry out summer research at Durham University and the University of Manchester. We also have awarded four Early Career Travel Grants, three to travel to the international congress of rheology in Athens in summer 2023.

In 2023 we completed the launch of a new website with all members transferred in 2023. We have been steadily updating and extending the website offering new resources. These include "Meeting Videos" where we have linked videos of, so far, two NNC conference events and our previous AGM invited lecture. We also now offer training videos with links to our rheometer manufacturer sponsor's training, together with a series of videos introducing rheology and polymer physics and linking various other online resources. We now also provide links to various open source softwares of relevance to rheologists (Reptate, I-Rheo, OpenFOAM, LAMMPS).

Our website is steadily increasing in content and functionality, and this has helped with managing our membership database. At the time of the AGM the BSR had 144 members and 62 honorary members,

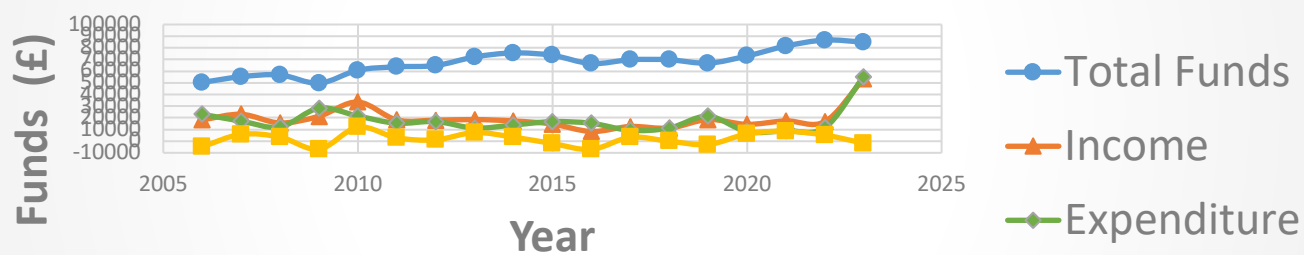
The rheology bulletin has continued to provide reports of events and scientific articles to our members and there have been some particularly impressive summer bursary reports, which highlight the value of this scheme.

---

## Financial Review

Our finances remain very healthy and although the end of year balance reports an overall loss of approximately £2000. This should be contextualised by the approximately £13k paid in deposits associated with organisation of the Annual European Rheology Conference, which was held at University of Leeds in April 2024 but for which initial deposits were paid in 2023. These are expected to be recouped in the 2024 financial year. In a typical year, this would therefore correspond to a surplus of around £11k. Most of this surplus comes from our publishing income from the Publisher's Licensing Authority (around £10k). In 2023 the society's investment income also increased due to increase in interest rates in 2023. This means that our current funds are returning a higher investment return this year (around £2k), more than double last year's income. Plots of key metrics are given below.

## BSR Financial Activity 2006 -2023



The large increase in expenditure/income in 2023 is largely artificial, because registration/accommodation for the INNFM meeting at Lake Vyrnwy were processed directly through BSR payment processors.

The British Society of Rheology has no funds that are held as a custodian trustee.



## Receipts and payments accounts

CC16a

For the period  
from

01/01/2023

To

31/12/2023

### Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
<b>A1 Receipts</b>					
Members subscriptions	4,557	-	-	4,557	4,750
Donations	135	-	-	135	145
Scientific meetings	31,340	-	-	31,340	1,530
Awards, Prizes, Grants and Bursaries	-	-	-	-	-
Publishing	14,345	-	-	14,345	9,156
Website advertising	1,200	-	-	1,200	400
Investment income	1,903	86	-	1,989	732
	-	-	-	-	-
<b>Sub total (Gross income for AR)</b>	<b>53,480</b>	<b>86</b>	<b>-</b>	<b>53,566</b>	<b>16,713</b>
<b>A2 Asset and investment sales, (see table).</b>					
	-	-	-	-	-
	-	-	-	-	-
<b>Sub total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total receipts</b>	<b>53,480</b>	<b>86</b>	<b>-</b>	<b>53,566</b>	<b>16,713</b>
<b>A3 Payments</b>					
Scientific Meetings	41,277	-	-	41,277	1,467
Awards, Prizes, Grants and Bursaries	6,507	-	-	6,507	6,847
Publishing	3,146	-	-	3,146	2,532
Website maintenance	3,002	-	-	3,002	224
Banking and Insurance	1,364	-	-	1,364	468
Trustee expenses	71	-	-	71	14
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
<b>Sub total</b>	<b>55,367</b>	<b>-</b>	<b>-</b>	<b>55,367</b>	<b>11,552</b>
<b>A4 Asset and investment purchases, (see table)</b>					
	-	-	-	-	-
	-	-	-	-	-
<b>Sub total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total payments</b>	<b>55,367</b>	<b>-</b>	<b>-</b>	<b>55,367</b>	<b>11,552</b>
<b>Net of receipts/(payments)</b>	<b>- 1,887</b>	<b>86</b>	<b>-</b>	<b>- 1,801</b>	<b>5,161</b>
<b>A5 Transfers between funds</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>A6 Cash funds last year end</b>	<b>77,021</b>	<b>9,642</b>	<b>-</b>	<b>86,663</b>	<b>81,502</b>
<b>Cash funds this year end</b>	<b>75,134</b>	<b>9,728</b>	<b>-</b>	<b>84,862</b>	<b>86,663</b>

### Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
<b>B1 Cash funds</b>				
	Current account	679	-	-
	PayPal account	1,115		
	Deposit account	46,095		
	Scott-Blair current account	33,378	-	-
CCXX R1 accounts (SS)	Membership current account 1	3,595	-	5/10/2024 -

**Total cash funds**

84,862

-

-

(agree balances with receipts and payments account(s))

Agreement Error

Agreement Error

OK

Unrestricted  
funds

Restricted funds

Endowment  
funds

Details

to nearest £

to nearest £

to nearest £

**B2 Other monetary assets**

	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

Details

Fund to which asset  
belongs

Cost (optional)

Current value  
(optional)**B3 Investment assets**

		-	-
		-	-
		-	-
		-	-
		-	-

Details

Fund to which asset  
belongs

Cost (optional)

Current value  
(optional)**B4 Assets retained for the  
charity's own use**

Presidential chain of office	General	-	7,900
		-	-
		-	-
		-	-
		-	-
		-	-
		-	-
		-	-
		-	-

Details

Fund to which  
liability relatesAmount due  
(optional)When due  
(optional)**B5 Liabilities**

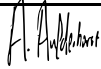

		-	
		-	
		-	
		-	
		-	

Signed by one or two trustees on  
behalf of all the trustees

Signature

Print Name

Date of approval

	Dr. Anders Aufderhorst-Roberts Honorary Treasurer	15/10/2024
	Prof. Maria Charalambides President, Chair of Trustees	



Section A

Independent Examiner's Report

Report to the trustees/  
members of

Charity Name  
THE BRITISH SOCIETY OF RHEOLOGY

On accounts for the year  
ended

31 December 2023

Charity no  
(if any)

249967

Set out on pages

1-2

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended 31/12/2023.

Responsibilities and  
basis of report

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent  
examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention (other than that disclosed below \*) in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

*\* Please delete the words in the brackets if they do not apply.*

Signed:

Date:

14/10/19

Name:

David Collier

Relevant professional  
qualification(s) or body  
(if any):

Fellow of the Association of Charity Independent Examiners

Address:

10 Marlborough Square

Ilkley, LS29 8PU

Only complete if the examiner needs to highlight matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).

Give here brief details of any items that the examiner wishes to disclose.

NONE