



## Member Networks Annual Report Form 2016

To enable us to better support our networks and their activities all member networks (Local Sections, Interest Groups and Analytical Division Regions) are asked to complete this form and return it to [networks@rsc.org](mailto:networks@rsc.org). The information is shared with the members of your networks, staff and governance Boards and Committees (inc. Division Councils).

Or by post to; Networks Team, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF.

This report form will be uploaded to the appropriate web page (signature deleted) unless requested otherwise.

<b>GROUP NAME</b>	Molten Salt Discussion Group
<b>Submitted by</b>	G. Doughty
<b>Signed (may be signed electronically)</b>	<i>Gregory Doughty</i>
<b>Date</b>	16/01/2017

Please list below the dates of your planned AGM and Committee Meetings (where applicable).

### Annual General Meeting (if being held)

<b>Date:</b>	18 <sup>th</sup> December 2017
<b>Venue:</b>	Burlington House, London

### Proposed Committee Meetings Dates

Date	Venue
15/03/2017	Nottingham University
Q3 2017	Nottingham University

### Financial Accounts for the year ending 31 December 2016

Deadline for receipt of Financial Accounts by RSC Finance Team: **14<sup>th</sup> February 2017**

Deadline for receipt of Annual Report by Networks Team: **24<sup>th</sup> February 2017**



## EVENTS

Please attach any meeting reports, newsletters or other reports which are relevant.

Please report below on activities undertaken in the past year. If you have more detailed information about any particularly successful events, or advice to share please use a separate sheet. For more events continue as necessary.

### EVENT KEY:

- Education Event
- Public Lecture
- Retired Members Event
- Scientific Conference - 1 day
- Scientific Conference - multi day
- Social Event
- Training/workshop
- Award Lecture

<b>Event Name</b>	Faraday Discussions
<b>Event Type (key)</b>	Scientific Conference - multi day
<b>Comments</b>	<p>The Faraday Discussion was proposed by the MSDG, and organised by the MSDG and RSC. There were about 100 participants. The Introductory Lecture was given by Prof. George Chen on behalf of Prof. Derek Fray. This Faraday Discussions received overall RMB 130k from local sources. All speakers at the Faraday Discussions were offered MSDG membership.</p> <p><a href="http://www.rsc.org/events/detail/18795/">http://www.rsc.org/events/detail/18795/</a></p>

<b>Event Name</b>	EUCHEM 2016
<b>Event Type (key)</b>	Scientific Conference - multi day
<b>Comments</b>	<p>About 200 people attended this conference which included a special event called MSDG Day that was organised by the MSDG. The programme of the MSDG Day had a Plenary lecture (given by Prof. Hongjie Dai of Stanford University), an invited lecture (given by Prof. Xianbo Jin) and 10 contributed lectures. All speakers at the MSDG Day were offered MSDG membership.</p> <p><a href="http://www.euchem2016.org/programme/committees/">http://www.euchem2016.org/programme/committees/</a></p>

<b>Event Name</b>	5 <sup>th</sup> International Round Table on Titanium Production in Molten Salts
<b>Event Type (key)</b>	Scientific Conference - multi day
<b>Comments</b>	<p>This conference was attended by about 70 people. MSDG was one of the two organisers of this conference series. Over a quarter of the attendees/speakers were MSDG's members. One of the two plenary lectures was given by Prof. Carsten Schwandt on behalf of Prof. Derek Fray.</p> <p><a href="http://www.eng.hokudai.ac.jp/TiRT2016/index.html">http://www.eng.hokudai.ac.jp/TiRT2016/index.html</a></p>



<b>Event Name</b>	Molten Salts Discussion Group Annual Christmas Meeting
<b>Event Type (key)</b>	Scientific Conference – 1 day
<b>Comments</b>	The MSDG Christmas meeting took place at Burlington House on 19 <sup>th</sup> December 2016. 39 Participants from the UK and abroad attended. There were 11 poster presentations and 13 oral presentations including an invited Inman Lecture by Dr Shaowei Zhang from Exeter University. The meeting closed with a networking session with refreshments.



## AWARDS AND BURSARIES

Please list any awards or bursaries presented by your committee in 2016 and indicate any which will be open for nomination/application in 2017.

### **MSDG Bursary Summary 2016**

- Prof Hongjie Dai, Stanford University, £789.18 – contribution towards travel costs as an invited speaker at the MSDG session at the EuCheMS meeting in Vienna.
- Prof Katharina Schröder, University of Vienna, £227.40 – contribution towards travel costs as an invited speaker at the MSDG Christmas meeting 2015 (paid in 2016).
- Prof Harald Oye, NTNU, £191 - contribution towards travel costs as an invited speaker at the MSDG Christmas meeting 2016 (paid in 2017).
- Dr Trevor Griffiths, £52.65 travel bursary (paid in 2017) and free registration at the MSDG Christmas meeting 2016.
- Mr Daniel Cooper, £118.15 travel bursary (paid in 2017) and free registration at the MSDG Christmas meeting 2016.
- Dr Andrew Doherty, £250 travel bursary to attend the Faraday Discussion Meeting on molten salts in Ningbo, China.
- Miss Hongmei Li, £135 travel bursary to attend the Faraday Discussion Meeting on molten salts in Ningbo, China.
- Mr Mingsheng Tan, £94.13 travel bursary to attend the Faraday Discussion Meeting on molten salts in Ningbo, China.
- Miss Majd Eshtaya, £200 travel bursary to attend the Faraday Discussion Meeting on molten salts in Ningbo, China.

2017 bursaries will be available for the summer and Christmas meetings



Other information/comments:



## PLANNED ACTIVITIES

Please report below on activities proposed. For more events continue as necessary.

<b>Event Name</b>	MSDG Student Meeting
<b>Comments</b>	This one day event is planned to be organised at Imperial College London
<b>Event Name</b>	Molten Salts Discussion Group Summer Meeting
<b>Comments</b>	4 <sup>th</sup> -6 <sup>th</sup> July at Nottingham University
<b>Event Name</b>	Molten Salts Discussion Group Christmas Meeting
<b>Comments</b>	A one day event to be held at RSC Burlington House on 18 <sup>th</sup> December 2017.
<b>Event Name</b>	Liquid Salts for Energy Materials
<b>Comments</b>	Since October 2016, the MSDG has made effort to join force with RSC-China and a Chinese company in Beijing (China Automotive Battery Research Institute Co. Ltd, acronym Glabat, <a href="http://www.glabat.com">http://www.glabat.com</a> ) to organise an international forum on the topic of liquid salts for energy materials in early September 2017 in Beijing. The forum will have a similar interactive format to that of the Faraday Discussions. Glabat would fully support this forum in terms of finance and local organisation. Unfortunately, in RSC China withdrew from supporting this forum "due to internal constraints". After discussion with Glabat, the MSDG will go ahead with contributing to organising this forum without RSC China. Glabat will sponsor about 10 invited international speakers.

## COMMITTEE

(this information will be used to update our membership database and your web page where appropriate)

Position	Name	Dates on committee (20xx – 20xx)
Chair	Professor George Chen	2002-date
Secretary	Dr Gregory Doughty	2016-date
Treasurer	Dr John Slattery	2013-date
Ordinary Members	Prof. Derek Fray  Dr Robert Watson  Dr Stuart Mucklejohn  Dr. Carsten Schwandt (Middle East Rep.)  Dr Anna Croft (Newsletter Editor)	2012-date, (Chairman 1995-2012)  2012-date, Hon. Treasurer 2006 to 2012  2001-date  2010-date  2015-date
Benevolent Fund Representative (if relevant)		
Co-opted members and their affiliation	Dr Trevor Griffiths (Energy Process Developments)  Prof. M. Gaune-Escard (CNRS/Aix-Marseille Université)  Prof. R. Fehrmann (Technical University of Denmark)	2007-date



## **Diversity & Inclusion**

Our trustees are aiming to embed diversity and inclusion in all of our activities and networks. Our [online network handbook](#) contains more information to support our networks in achieving this.

Please comment on how your group is showing that it has embraced Diversity and Inclusion within its practices.

The MSDG is committed, and adheres, to principles embodied in the Royal Society of Chemistry's policy for Inclusion and Diversity