

SIAM-UKIE  
Annual Activity Reports  
1998 – 2013

## **Report on UKIESIAM Activities (January 1997 to June 1998)**

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.) There have been two elections of officers since inception and the current postholders are

President: K.W. Morton (until 31/3/99)

Vice-President: J.W. Dold (until 31/3/99)

Secretary/Treasurer: D.J. Silvester (until 31/3/00)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The section currently has 194 members (versus 187 when the section was founded).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 1997 Inaugural section meeting, Manchester.

This was attended by 46 participants. (A full report appeared in the April 97 issue of SIAM news.)

Mar 1997 Special SIAM sponsored minisymposium on Microelectronics at British Applied Maths Colloquim, Edinburgh.

Jan 1998 Annual section meeting, Manchester

This was attended by 40 participants.

Mar 1998 SIAM Numerical Combustion Conference, York

The costs of this conference were partially underwritten by the section. In the event, the conference was very successful (over 200 participants) and section support was not required.

Mar 1998 Special SIAM sponsored lecture at British Applied Maths Colloquium, Brunel University, West London

Jun 1998 Numerical Analysis and Computers--50 years of progress, Manchester.

The costs of this conference were fully underwritten by the section. The meeting attracted 87 participants, and the current expectation is that section support will not be required. A full report will be published in SIAM news.

Plans for the future.

1. We are currently setting up a dedicated WWW server to support the activities of the section. When installed this will have the URL <http://www.siam.ac.uk/>

2. We are exploring ways of making SIAM facilities more readily available to members in the UK. In particular, discussions are taking place on the possibility of paying subscriptions in sterling.
  
3. We are continuing to work towards enhancing the visibility of SIAM in the UK and Ireland. We are particularly keen on recruiting more student members. In particular we would like to see a main stream SIAM conference (e.g. an applied linear algebra or dynamical systems meeting) being held in the near future in either the UK or in Ireland.
  
4. We are exploring the possibility of expanding the section to include members from European countries.

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David Silvester 30/6/98

## Report on UKIESIAM Activities (July 1998 to July 1999)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.) There have been three elections of officers since inception and the current postholders are

President: J.T Stuart (until 31/3/01)

Vice-President: D.J. Higham (until 31/3/01)

Secretary/Treasurer: D.J. Silvester (until 31/3/00)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The section currently has 237 members (versus 187 when the section was founded).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 1999 Annual section meeting, Imperial College.

This was a very successful meeting, attended by 61 participants.

A full report was published in the April issue of SIAM news.

Mar 1999 British Applied Mathematics Colloquium, Bath University.

SIAM sponsored lectures given by James Robinson (inertial manifolds), Jonathan Partington (control) and David Hamill (dynamics).

Jul 1999 ICIAM 99 meeting, Edinburgh.

The section gave out seven travel grants to postgraduate students to help boost attendance.

Plans for the future.

1. We are exploring ways of making SIAM facilities more readily available to members in the UK.
2. We are continuing to work towards enhancing the visibility of SIAM in the UK and Ireland. We are particularly keen on recruiting more student members. Discussions have taken place with the SIAM Executive Director on the possibility of holding the SIAM annual meeting in either the UK or in Ireland. (This meeting is being held in Puerto Rico in the year 2000.)
3. We are still exploring the possibility of expanding the section to include members from European countries.

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David Silvester 10/11/99

## Report on UKIESIAM Activities (August 1999 to July 2000)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.) There have been four elections of officers since inception and the current postholders are

President: J.T. Stuart (until 31/3/01)

Vice-President: D.J. Higham (until 31/3/01)

Secretary/Treasurer: P.K. Jimack (until 31/3/02)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The section currently has 225 members (versus 187 when the section was founded).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2000 Annual section meeting, Imperial College.

This was another successful meeting, attended by 39 participants. A full report, written by James Blowey, was published in SIAM news.

Apr 2000 British Applied Mathematics Colloquium, UMIST, Manchester.

SIAM sponsored the invited lecture given by Jim Yorke of The University of Maryland whose presentation was entitled "The double pendulum, an unmodellable physical system".

Jul 2000 Numerical Analysis Summer School, Durham.

The section sponsored two prizes for the best presentation by a Ph.D. student in each of the two weeks of the Summer School. A report on the Summer School, written by Alan Craig and including details of the student prize winners appeared in the November issue of SIAM News.

Plans for the future.

1. Following discussion at last year's annual meeting it was decided that, for the time-being at least, we should not seek to expand the section to include members from European countries.
2. Discussions referred to in last year's report concerning the possibility of holding a future SIAM annual meeting in either the UK or in Ireland have so far failed to come up with a suitable venue. Members suggestions on this matter would be most welcome. SIAM is however holding a joint conference with the European Mathematical Society (EMS) in Berlin in September and clearly the degree of success of this will influence SIAM's views on holding future conferences in Europe.



3. To continue towards enhancing the visibility of the section we will again sponsor a keynote speaker at this year's BAMC conference in Reading in April. We are also seeking to sponsor prizes for best student papers or best posters at other conferences in the UK and Ireland.

4. We are continuing to look at further ways of supporting relevant meetings, workshops and conferences in the UK and Ireland. Requests for such support are most welcome and will be considered at any time.

Peter Jimack (20/11/2000).

## Report on UKIESIAM Activities (August 2000 to July 2001)

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### Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.) There have been five elections of officers since inception (including an election for the posts of President and Vice-President this year) and the current postholders are:

President: D.F. Parker (until 31/3/03)

Vice-President: I.G. Graham (until 31/3/03)

Secretary/Treasurer: P.K. Jimack (until 31/3/02)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The section currently has 255 members (versus 187 when the section was founded and 225 last year).

### Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2001 Annual section meeting, Strathclyde University, Glasgow.

This was another successful meeting, attended by 43 participants. A full report, written by Any Wathen, was published in SIAM news.

Apr 2001 British Applied Mathematics Colloquium, University of Reading.

SIAM sponsored the invited lecture given by Richard James of  
The University of Minnesota.

Apr 2001 British Applied Mathematics Colloquium, University of Reading.

The section sponsored two prizes for the best presentations by  
a Ph.D. student throughout the BAMC2000. The prize winners were

\* Mr. A.S. Lawless: "Adjoint methods for data assimilation in  
numerical weather prediction" (University of Reading)

\* Mr. K. Ratcliffe: "Trapped modes in a two dimensional laterally  
coupled waveguide" (University of Loughborough).

Plans for the future.

1. Following discussion at last year's annual meeting it was suggested  
the possibility of closer links between SIAM and the LMS might be  
investigated. SIAM do not have any schemes for joint membership with  
other organizations however closer links, in the form of a joint  
conference for example, are actively being investigated.

2. Last year the section sponsored the prizes for the best student  
presentations at the BAMC conference in Reading. Next year the BAMC  
is to be held jointly with the BMC at Warwick and the section sees  
this as one of the best opportunities each year to promote SIAM within  
the UK. We will continue our sponsorship of prizes for the best student  
presentations and one of the keynote speakers (Ingrid Daubechies,

Princeton) is this year's SIAM Lecturer.

3. We are continuing to look at further ways of supporting relevant meetings, workshops and conferences in the UK and Ireland. So far we plan to support the Numerical Analysis Summer School in Durham in July and the Householder Meeting in Scotland in June. Requests for such support are most welcome and will be considered at any time.

Peter Jimack (30/11/2001).

## **Report on UKIESIAM Activities (August 2001 to July 2002)**

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.)

The current officers are:

President: D.F. Parker (until 31/3/03)

Vice-President: I.G. Graham (until 31/3/03)

Secretary/Treasurer: A. Ramage (until 31/3/04)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The section currently has 253 members (versus 187 when the section was founded).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2002 Annual section meeting, University of Leeds.

This was another successful meeting, attended by over 50 participants. A full report was published in the May edition of SIAM news.

Apr 2002 British Applied Mathematics Colloquium, University of Warwick

SIAM sponsored the invited lecture given by Ingrid Daubechies of Princeton University.

Apr 2002 British Applied Mathematics Colloquium, University of Warwick.

The section sponsored two prizes for the best presentations by a Ph.D. student throughout the BAMC/BMC.

Jun 2002 XVth Householder Symposium on Numerical Linear Algebra.

The section made a contribution to the expenses of the conference banquet, at which a presentation on 'The Debt Linear Algebra Owes Helmut Wielandt' was made by Hans Schneider (Wisconsin) and the Householder Prize was presented to Jing-Rebecca Li (Courant Institute).

Jul 2002 Numerical Analysis Summer School, Durham

The section sponsored two prizes for the best presentations by a Ph.D. student at the meeting. The prizes were won by Angela Mihai (Durham) and Craig Brand (Strathclyde).

Plans for the future.

1. We aim to continue sponsoring prizes for the best student presentations at the BAMC conference (to be held in Southampton in 2003).
2. We are always keen to support other relevant meetings, workshops and

conferences in the UK and Ireland. This year we are committed to supporting the 5th Dublin Differential Equations Conference which will be held in Dublin in June 2003. Requests for such support are welcome at any time.

Alison Ramage

## Report on UKIESIAM Activities (August 2002 to July 2003)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996. (The petition was approved by the council on 13th December, 1996.) This year saw an election for the posts of President and Vice-President. The current officers are:

President: M. Stynes (until 31/3/05)

Vice-President: J. Aitchison (until 31/3/05)

Secretary/Treasurer: A. Ramage (until 31/3/04)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 279: this number has increased steadily each year since the section was founded in 1996 (with 187 members).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2003 Annual section meeting, University of Bath

This meeting was well-attended and featured a programme of five excellent speakers. Full details can be found on the section webpage or in the March 2003 edition of SIAM news.



## Jun 2003 5th Dublin Differential Equations Conference

The section made a contribution to the support of postgraduate and postdoctoral attendees at this meeting, organised by Eugene O'Riordan.

Plans for the future.

1. The 2004 Annual Meeting will take place at the University of Sheffield on January 9th. The invited speakers are

Jack Dongarra, University of Tennessee

Alistair Fitt, University of Southampton

Pat Fitzpatrick, University College Cork

David Thomson, The Met Office

Lucy Wyatt, University of Sheffield.

Full details can be found at <http://www.maths.strath.ac.uk/ukiesiam/sheffield.html>.

2. Arrangements are currently underway for holding a joint SIAM-LMS-IMA-RSS Meeting in the UK, possibly in September 2005. UKIESIAM has been represented at early planning meetings, and we expect this close involvement to continue.

3. We aim to return to sponsoring prizes for the best student presentations at the BAMC conference (to be held at the University of East Anglia in 2004). This was not done at Southampton in 2003 due to an administrative muddle, but tentative arrangements have already been made with the organisers at UEA.

4. We intend to sponsor student prizes at the Durham Numerical Analysis Summer School in July 2004.

5. We are always keen to support other relevant meetings, workshops and conferences in the UK and Ireland. Requests for such support are welcome at any time.

Alison Ramage

Secretary, UKIESIAM

October 2003

## Report on UKIESIAM Activities (August 2003 to July 2004)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw an election for the post of Secretary/Treasurer.

The current officers are:

President: M. Stynes (until 31/3/05)

Vice-President: J. Aitchison (until 31/3/05)

Secretary/Treasurer: G.J. Lord (until 31/3/06)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 275 (versus 187 members when founded).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2004 Annual section meeting, University of Sheffield.

Full details can be found at

[http://www.ma.hw.ac.uk/~gabriel/ukiesiam/meet\\_rep04](http://www.ma.hw.ac.uk/~gabriel/ukiesiam/meet_rep04)

Apr 2004 BAMC held at the University of East Anglia.

The section sponsored 3 prizes for the best presentations by a Ph.D. student and 1 prize for the best student poster.

Plans for the future.

1. The ANNUAL MEETING will be held at the University College Cork on Friday January 7th 2005. This is the first to be held in the Republic of Ireland.

The invited speakers are

- \* ) Neil O'Connell (University of Warwick)
- \* ) Russell Davies (University of Wales, Aberystwyth)
- \* ) Ivan Graham (University of Bath)
- \* ) Alexei Pokrovskii (University College Cork)
- \* ) Niall O'Murchadha (University College Cork)

Full details can be found at <http://www.ma.hw.ac.uk/~gabriel/ukiesiam/>

2. We intend to sponsor student prizes at future BAMC.

3. We intend to sponsor student prizes at future Durham Numerical Analysis Summer Schools in 2005.

4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Gabriel Lord

Secretary, UKIESIAM

August 2004

## Report on UKIESIAM Activities (August 2004 to July 2005)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw an election for the posts of President and Vice-President.

After an email ballot Nick Trefethen (Oxford) was elected as president and John Hogan (Bristol) as vice-president.

We have enquired if we can make use of the anonymous ballot set up by SIAM for future elections.

The current officers are:

President: N. Trefethen (until 31/3/07)

Vice-President: J. Hogan (until 31/3/07)

Secretary/Treasurer: G.J. Lord (until 31/3/06)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 320 (versus 187 members when founded and 275 last year).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2005 Annual section meeting, University of Cork

Full details can be found at

[http://www.ma.hw.ac.uk/~gabriel/ukiesiam/meet\\_rep05](http://www.ma.hw.ac.uk/~gabriel/ukiesiam/meet_rep05)

Apr 2005 BAMC held at the University of Liverpool.

The section sponsored 3 prizes for the best presentations by a Ph.D. student and 1 prize for the best student poster.

Plans for the future.

1. The ANNUAL MEETING will be held at the Cardiff University on Friday January 6th 2006.

\*) Marty Golubitsky (University of Houston)

\*) Des Higham (University of Strathclyde)

\*) Anne Juel (University of Manchester)

\*) Ben Leimkuhler (University of Leicester)

\*) Hinke Osinga (University of Bristol)

Full details can be found at <http://www.ma.hw.ac.uk/~gabriel/ukiesiam/>

2. We intend to sponsor student prizes at future BAMC.

3. We intend to sponsor student prizes at future Durham Numerical Analysis Summer Schools.

4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Gabriel Lord

Secretary, UKIESIAM

July 2005



## Report on UKIESIAM Activities (August 2005 to July 2006)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw an election for the post of Secretary/Treasurer.

Stephen Langdon (Reading) was elected unopposed.

The current officers are:

President: N. Trefethen (until 31/3/07)

Vice-President: J. Hogan (until 31/3/07)

Secretary/Treasurer: S. Langdon (until 31/3/08)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 350 (versus 187 members when founded and 320 last year).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2006 Annual section meeting, Cardiff University

Full details can be found at

[http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/meet\\_rep06](http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/meet_rep06)

Apr 2006 BAMC held at the University of Keele.

The section sponsored 4 prizes for the best presentations by a Ph.D. student. Five prizes were awarded, with the balance being provided from BAMC funds. A list of prizewinners can be found at

<http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/prizes.html>

Plans for the future.

1. The ANNUAL MEETING will be held at Oxford University on Friday January 5th 2007.

- \* ) Jon Chapman (Oxford University)
- \* ) Linda Cummings (University of Nottingham)
- \* ) Cleve Moler (Mathworks Inc., President of SIAM as of 1/1/07)
- \* ) Alison Ramage (University of Strathclyde)
- \* ) Andrew Stuart (University of Warwick)
- \* ) Andy Woods (University of Cambridge)

Full details can be found at

<http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/index.html>

2. We intend to sponsor student prizes at future BAMC.
  
3. We intend to sponsor student prizes at future Durham Numerical Analysis Summer Schools.
  
4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Stephen Langdon

Secretary, UKIESIAM

September 2006

## Report on UKIESIAM Activities (August 2006 to July 2007)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw elections for the posts of president and vice-president of the section:

For president, Russell Davies (Cardiff) was elected ahead of Chris Farmer (Schlumberger/Oxford).

For vice-president, Colin Please (Southampton) was elected ahead of Dwight Barkley (Warwick).

The current officers are:

President: R. Davies (until 31/3/09)

Vice-President: C. Please (until 31/3/09)

Secretary/Treasurer: S. Langdon (until 31/3/08)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 370 (versus 187 members when founded and 350 last year).

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2007 Annual section meeting, Oxford University

A report on the meeting was published in the June 2007 edition of SIAM News.

Full details can be found at

[http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/meet\\_rep07.pdf](http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/meet_rep07.pdf)

Apr 2007 BAMC held at the University of Bristol.

The section sponsored four prizes of £50 each for the best presentations by a PhD student. A list of prizewinners can be found at

<http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/prizes.html>

Jul 2007 The 8th International Conference on Mathematical and Numerical

Aspects of Waves, held at the University of Reading.

The section sponsored two prizes of £50 each for the best presentations by a PhD student. This prize money was matched by the conference organisers.

Details of the prizewinners can be found at

<http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/prizes.html>

Plans for the future.

1. The ANNUAL MEETING will be held at Southampton University on Friday January 4th 2007.

- \* ) Christine De Mol (Universite Libre de Bruxelles)
- \* ) Chris Farmer (Schlumberger/Oxford University)
- \* ) Celia Glass (City University)
- \* ) Peter Jimack (Leeds University)
- \* ) Roland Keunings (Université catholique de Louvain)
- \* ) John King (Nottingham University)

Full details can be found at

<http://www.personal.rdg.ac.uk/~sms03sl/UKIESIAM/index.html>

2. We intend to sponsor student prizes at future BAMC.
3. We intend to sponsor student prizes at future Durham Numerical Analysis Summer Schools.
4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Stephen Langdon

Secretary, UKIESIAM

November 2007

## Report on UKIESIAM Activities (August 2007 to July 2008)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw an election for the post of secretary / treasurer of the section:

Sue Dollar 37 votes

Rob Scheichl 21 votes

Sue Dollar took up the position on 1 April.

The current officers are:

President: R. Davies (until 31/3/09)

Vice-President: C. Please (until 31/3/09)

Secretary/Treasurer: S. Dollar (until 31/3/10)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 405 (versus 187 members when founded and 370 last year). 252 of these are non-student members.

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2008 Annual section meeting, Southampton University

A report on the meeting was published in the May 2008 edition of SIAM News. Full details can be found at <http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/SIAM08report.pdf>

Feb 2008 Oxford Golub-around-the-world event. The section provided £100 support for this meeting.

Apr 2008 BAMC held at the University of Manchester.

The section sponsored prizes totalling £250 for the best presentations by a PhD student. A list of prizewinners can be found at <http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/prizes.html>

Jul 2008 BAIL 2008 Boundary and Interior Layers - Computational and Asymptotic Methods, held at the University of Limerick.

The section sponsored one prize of £50 for the best presentation by a PhD student. Details of the prizewinner can be found at <http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/prizes.html>



Plans for the future.

1. The ANNUAL MEETING will be held at the University of Limerick on Friday January 9th 2009.
2. We intend to sponsor student prizes at future BAMC.
3. We intend to sponsor student prizes at 23rd Biennial Conference on Numerical Analysis, University of Strathclyde.
4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Sue Dollar

Secretary, UKIESIAM

November 2008

## Report on UKIE SIAM Activities (August 2008 to July 2009)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

This year saw an election for President and Vice-President of the Section:

President: David Silvester

Vice-President: Alan Hegarty

Both were elected unopposed. They took up their positions on 1 April.

The current officers are:

President: D. Silvester (until 31/3/11)

Vice-President: A. Hegarty (until 31/3/11)

Secretary/Treasurer: S. Thorne (nee Dollar) (until 31/3/10)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 450 (versus 187 members when founded and 405 last year). 239 of these are non-student members.

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2009 Annual section meeting, University of Limerick

Full details can be found at

<http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/SIAM09report.pdf>

Jan 2009 Meeting honouring the retirement of David Porter, held at the University of Reading. The section provided £150 support for this meeting.

Apr 2009 BAMC held at the University of Nottingham.

The section sponsored prizes totalling £250 for the best presentations by a PhD student. A list of prizewinners can be found at

<http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/prizes.html>

Jul 2009 23rd Biennial Conference on Numerical Analysis, held at the University of Strathclyde. The section sponsored two prizes totalling £100 for the best presentation by a PhD student.

Details of the prizewinners can be found at

<http://www.numerical.rl.ac.uk/people/hsd/ukiesiam/prizes.html>

Plans for the future.

1. The ANNUAL MEETING will be held at the National e-Science Centre, Edinburgh on Friday January 8th 2009.
2. We intend to sponsor student prizes at future BAMC.
3. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

Sue Thorne

Secretary, UKIESIAM

November 2009

## **Report on UKIE SIAM Activities (August 2009 to July 2010)**

Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

The current officers are:

President: D. Silvester (until 31/3/11)

Vice-President: A. Hegarty (until 31/3/11)

Secretary/Treasurer: T. Betcke (until 31/3/10)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The current membership stands at 481 (versus 187 members when founded and 450 last year). 248 of these are non-student members.

This year saw an election for Treasurer/Secretary of the Section.

Candidates were Niall Madden and Timo Betcke. The results were as follows:

Niall: 27 votes (42%)

Timo: 37 votes (58%)

Timo Betcke was therefore elected Secretary/Treasurer until 31/3/12.

After many years of service the old webpage of SIAM UK/IE was replaced by a completely new design.

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

Jan 2010 Annual section meeting, University of Edinburgh

Apr 2010 BAMC, University of Edinburgh. The section provided £250 for student prizes.

Jul 2010 Summer School in Computational Mathematics and Scientific, University of Durham. The section provided £100 for student prizes.

Plans for the future.

1. The ANNUAL MEETING will be held at the University of Manchester on Friday 7 January 2011.

2. We intend to sponsor student prizes at the next BAMC and the Biennial Conference on Numerical Analysis.

Timo Betcke

Secretary UKIESIAM

January 2011

## **Report on UKIE SIAM Activities (August 2010 to July 2011)**

Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

The current officers are:

President: N.K. Nichols (until 31/3/13)

Vice-President: J. Tanner (until 31/3/13)

Secretary/Treasurer: T. Betcke (until 31/3/12)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The membership as of 31/12/10 stands at 473 (versus 187 members when founded and 481 last year). 227 of these are non-student members.

This year we saw the entrance of a new president, Nancy Nichols, and a new vice-president, Jared Tanner. Both entered office without elections as there were no other candidates coming

forward. We would like to thank again David Silvester and Alan Hegarty for the wonderful job they

were doing while serving as president and vice-president for SIAM UKIE.

Sponsored meetings.

The section has provided financial support for the following meetings, which

are listed in chronological order.

January 2011 Annual section meeting, The University of Manchester

June 2011 Student support at the DUNE Summer School at the University of Warwick

June 2011 Sponsorship of 3 student prizes at the Biennial Conference on Numerical Analysis  
at the University of Strathclyde

July 2011 Sponsorship of 2 student prizes at the IMA Conference on Nonlinearity and  
Coherent Structures at the University of Reading

Plans for the future.

1. The ANNUAL MEETING will be held at the University of Leicester on 6 January 2012
2. We intend to sponsor student prizes at the next BAMC at University College London
3. We are planning to sponsor a joint conference of the SIAM UKIE Student Chapters to  
advertise the establishment of new chapters in the UK and the Republic of Ireland
4. Elections for a new Secretary/Treasurer will be held at the beginning of 2012

Timo Betcke

Secretary UKIESIAM

September 2011



## Report on UKIE SIAM Activities (August 2011 to July 2012)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

The current officers are:

President: N.K. Nichols (University of Reading)(until 31/3/13)

Vice-President: J. Tanner (University of Oxford) (until 31/3/13)

Secretary/Treasurer: M.A. Freitag (University of Bath) (until 31/3/14)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The membership as of 13/09/12 stands at 485 SIAM members (versus 187 members when founded and 473 as of 31/12/10). 253 of these are non-student members.

This year saw an election for Treasurer/Secretary of the Section.

Candidates were Colin Macdonald (University of Oxford) and Melina Freitag (University of Bath).

Melina Freitag was elected as Secretary/Treasurer until 31/3/14.

We would like to thank again Timo Betcke for the wonderful job he has done while serving as Secretary/Treasurer for SIAM UKIE.

Student Chapters.

This year saw the creation of three new SIAM Student Chapters in the UK at the University of Warwick, the University of Reading and the University of Bath.

There are now 8 SIAM Student Chapters in total in the UK.

Reciprocal membership.

SIAM and IMA ((Institute of Mathematics and its Application) have entered into a reciprocal agreement whereby some individual members in one society are eligible for a discounted membership in the other. The discounted rate for IMA members residing in the UK to join SIAM is 70% of the current rate for SIAM regular members. SIAM members who live in the USA can join the IMA at 70% of the regular rate.

Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

January 2012 Annual section meeting, The University of Leicester.

A report on the meeting can be found at

<http://people.bath.ac.uk/mamamf/siamukie/meetings/SIAM12report.pdf>

March 2012 Sponsorship of student prizes at the BAMC (British Applied Mathematics Colloquium) at University College London.

The section sponsored prizes totalling £250 for the best presentations by PhD students.

May 2012 Sponsorship of the First SIAM National Student Chapter Conference (SNSCC12) at the University of Manchester

(this was a joint conference of the SIAM UKIE Student

Chapters to advertise the establishment of new chapters in

the UK and the Republic of Ireland)

A report on the meeting was published in the July/August 2012 edition of SIAM News.

Full details including photos of the event can be found at

<http://www.maths.manchester.ac.uk/~siam/snscc12>

and

[http://people.bath.ac.uk/mamamf/siamukie/meetings/snscc12\\_report.pdf](http://people.bath.ac.uk/mamamf/siamukie/meetings/snscc12_report.pdf)

Plans for the future.

1. The ANNUAL MEETING will be held at the University of Reading on 8th January 2013.

Confirmed invited speakers are:

Coralia Cartis (University of Edinburgh, UK)

Arieh Iserles (University of Cambridge, UK)

Clifford Nolan (University of Limerick, Republic of Ireland )

Sebastian Reich (University of Potsdam, Germany)

Endre Süli (University of Oxford, UK)

Françoise Tisseur (University of Manchester, UK)

Full details can be found at

[http://people.bath.ac.uk/mamamf/siamukie/index.html#\[\[Annual Meeting\]\]](http://people.bath.ac.uk/mamamf/siamukie/index.html#[[Annual Meeting]])

2. We intend to sponsor student prizes at the next BAMC at the University of Leeds and at the 25th Biennial Conference on Numerical Analysis at the University of Strathclyde.

3. We are planning to sponsor a second joint conference of the SIAM UKIE Student Chapters.

4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.

5. Elections for a new President and Vice-President will be held at the beginning of 2013.

Melina Freitag

Secretary UKIESIAM

September 2012

## Report on UKIE SIAM Activities (August 2012 to July 2013)

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Background.

The United Kingdom and Republic of Ireland section of SIAM was established at the end of 1996.

(The petition was approved by the council on 13th December, 1996.)

The current officers are:

President: E. Süli (University of Oxford) (until 31/3/15)

Vice-President: F. Tisseur (University of Manchester) (until 31/3/15)

Secretary/Treasurer: M.A. Freitag (University of Bath) (until 31/3/14)

All SIAM members resident in the UK and Republic of Ireland are automatically members of the section (no section fees are levied).

The membership as of 25/09/13 stands at 514 SIAM members (versus 187 members when founded and 485 as of 13/09/12). 275 of these are non-student members (versus 253 as of 13/09/12).

This year saw an election for new President and Vice-President of the Section.

The candidates for President were Peter Clarkson (University of Kent) and Endre Süli (University of Oxford) and the candidates for Vice-President were Stephen Kirkland (Hamilton Institute, Ireland) and Françoise Tisseur (University of Manchester).

Endre Süli and Françoise Tisseur were elected as President and Vice-President until 31/3/15.

We would like to thank Nancy Nichols and Jared Tanner for the great job they have done while serving as President and Vice-President for SIAM UKIE.

SIAM UKIE and IMA.

SIAM UKIE and the (UK) Institute for Mathematics and its Applications (IMA) continue to strengthen their ties. Endre Süli met Mr David Youdan, the Executive Director of the IMA, and Professor Robert MacKay FRS, the President of the IMA, in Oxford on 24th June 2013 to discuss potential avenues for collaboration. As a result of that meeting, the 2014 SIAM UKIE Annual Meeting, which will be held at University College London on 9th January 2014, will be preceded, on 8th January 2014, by a one-day conference run by the IMA at the same location, back-to-back with the SIAM UKIE Annual Meeting, aimed at fostering the relationship between the two societies. Endre Süli is one of the invited speakers at the IMA meeting. Reciprocally, the President of the IMA is one of the invited speakers at the 2014 SIAM UKIE Annual Meeting, as is SIAM's President Professor Irene Fonseca.

Student Chapters.

There are currently 8 SIAM Student Chapters in total in the UK. We aim to establish Student Chapters in Ireland and London.

## Sponsored meetings.

The section has provided financial support for the following meetings, which are listed in chronological order.

January 2013 Annual section meeting, The University of Reading. The meeting was very successful with over 70 participants. A report on the meeting can be found at <http://people.bath.ac.uk/mamamf/siamukie/meetings/SIAM13report.pdf>

April 2013 Sponsorship of student prizes at the BAMC (British Applied Mathematics Colloquium) at the University of Leeds.  
The section sponsored prizes totalling £250 for the best presentations by PhD students.

May 2013 Sponsorship of the Second SIAM National Student Chapter Conference (SNSCC13) at the University of Warwick  
(this was a joint conference of the SIAM UKIE Student Chapters to advertise the establishment of new chapters in the UK and the Republic of Ireland)  
A report of the event can be found at [http://people.bath.ac.uk/mamamf/siamukie/meetings/snscc13\\_report.pdf](http://people.bath.ac.uk/mamamf/siamukie/meetings/snscc13_report.pdf)

June 2013 Sponsorship of 3 student prizes totalling £225 at the Biennial Conference on Numerical Analysis at the University of Strathclyde.

Plans for the future.

1. The ANNUAL MEETING will be held at the University College London on 9th January 2014.

Confirmed invited speakers are:

Irene Fonseca (Carnegie Mellon University, SIAM President)

Alain Goriely (University of Oxford)

Nick Gould (Rutherford Appleton Laboratory)

Stephen Hendry (Oasys Software Ltd)

Robert MacKay (University of Warwick, IMA President)

Niall Madden (NUI Galway, Ireland)

Full details can be found at

[http://people.bath.ac.uk/mamamf/siamukie/index.html#\[\[Annual Meeting\]\]](http://people.bath.ac.uk/mamamf/siamukie/index.html#[[Annual Meeting]])

2. We intend to sponsor student prizes at the next BAMC 2014 at the Welsh Institute of Mathematical and Computational Sciences.

3. We are planning to sponsor a third joint conference of the SIAM UKIE Student Chapters.

4. We are keen to support other relevant meetings, workshops and conferences in the UK and Ireland.

Requests for such support are welcome at any time.



5. Elections for a new Secretary/Treasurer will be held at the beginning of 2014.

Melina Freitag

Secretary UKIESIAM

September 2013