



# Belgian Mathematical Society

Comité National de Mathématique CNM

C W M  
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NCW Nationaal Comité voor Wiskunde

**BMS-NCM NEWS: the newsletter of the  
Belgian Mathematical Society and the  
National Committee for Mathematics**

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**BMS-NCM NEWS**

No 36, January 15, 2002

## News from the BMS

During the year 2001, 31 news members joined the BMS. The BMS Committee has been pleased to welcome:

Adriaenssens Jan (UA)	Bernou Jean-Louis (Fresnes, France)
Caubergh Magdalena(LUC)	Chareyre Sébastien (Noisiel, France)
Crama Yves (ULg)	Daili Nouredine (Sétif, France)
Dehaye Paul-Olivier (ULB) (also EMS)	Delhez Eric (ULg)
De Maesschalk P (LUC) (also EMS)	Devillers Alice (ULB) (also EMS)
Dispa Sophie (ULg)	Elskens Yves (Univ. de Provence)
Ferret Sandy (RUG) (also EMS)	Fiorini Samuel (ULB) (also EMS)
Gilson Olivier (ULg)	Glineur François (FPMS)
Govaerts Patrick (RUG)	Hansoul Georges (ULg)(also EMS)
Lefebvre Michel (Lille, France)	Martens Johan (Columbia Univ. NY)(also EMS)
Masson Saji	Mathonet Pierre (ULg) (also EMS)
Niederhorn Philippe (ULg)	Rigo Michel (ULg) (also EMS)
Roisin Jean-Roger(UCL) (also EMS)	Schillewaert Jeroen (RUG)
Stiénon Mathieu (ULB) (also EMS)	Stulens Koen (LUC) (also EMS)
Thas Koen (RUG)(also EMS)	Van Camp Ellen (KULeuven) (also EMS)
Zhang Yinhua (UIA) (also EMS)	

It is worth noticing that 15 of these new members also joined the EMS. The BMS Committee hopes that more and more BMS members will join the EMS. Promoting BMS and also EMS membership is a constant concern of the BMS Committee. This is the reason why a leaflet comes together with this Newsletter. It contains a Membership Application Form and we hope you will accept to pass it to a colleague.

Note also that an **online Membership Application Form** is available on the home page of the BMS at <http://www.ulb.ac.be/assoc/bms/appl-form.html>

## BMS-EMS Membership dues and Reciprocity Agreements

Time has come to pay the 2002 membership dues.

January is the period when people usually take “good intentions” for the coming year. The BMS secretary would be grateful to all BMS members for taking the good intention to pay their 2002 membership fee in due time and possibly not later than **February 28, 2002!!**.

### BMS-EMS dues for 2002

- B. M. S. membership: ..... **EUR 17.35**
- B. M. S. + E. M. S. membership: ..... **EUR 32.35**

**Please note** that the E. M. S. membership fee of **EUR 15** is allowed only to persons belonging to an E. M. S. corporate member society. The E. M. S. individual membership fee is 60 euro otherwise.

For further information on the E. M. S. see the home page of the Society at <http://www.emis.de>

### Reciprocity agreements

#### - with the S. B. P. Mef. and the V. V. W. L.

A reciprocity agreement exists with the “*Société Belge des Professeurs de Mathématiques d’expression française*” (S. B. P. Mef.) and with the “*Vlaamse Vereniging voor Wiskunde Leraars*” (V. V. W. L.). By virtue of this agreement, members of these Societies are liable to pay a reduced membership to the B. M. S. of **EUR 12.39**. These members should indicate on their payment of EUR 12.39 to the B. M. S.: “member of the S. B. P. Mef. or V. V. W. L.” and pay their fees to the S. B. P. Mef/V. V. W. L. separately.

#### - with the American Mathematical Society

B. M. S. members (residing outside the U.S. at the time of billing) are allowed the reciprocity membership reduced rate of **\$70.00/yr**. Privileges of membership include discounts of 20%-50% on most AMS publications purchased for the member’s personal use only. Subscriptions to the *Notices* and the *Bulletin (New Series)* are included as part of the membership.

For further information see the home page of the A. M. S. at

<http://www.ams.org>

#### - with the Société Mathématique de France

The members of the B. M. S. benefit from the following reciprocity membership conditions:

- a) 50% reduced membership rate  
S. M. F. membership fee (reduction included): ..... **EUR 30.00**  
This includes a free subscription to the *Gazette des Mathématiciens* (Journal of the S. M. F.).
- b) Liability to subscribe at membership prices to the following journals published by the S. M. F.:
  - 1) Officiel des Mathématiques ..... **EUR 22.00**
  - 2) Bulletin ..... **EUR 70.00**
  - 3) Bulletin + Mémoires ..... **EUR 122.00**
  - 4) Mémoires ..... **EUR 52.00**
  - 5) Astérisque: 12 numéros ..... **EUR 228.00**
  - 6) Histoire des Mathématiques ..... **EUR 41.00**
  - 7) Panoramas et Synthèses ..... **EUR 33.00**

For further information on the S. M. F. see the home page of the society at

<http://smf.emath.fr>.

**- with the Deutsche Mathematiker-Vereinigung**

Individual members under reciprocity agreements have the privilege of a 50 % reduced membership rate for the D. M. V.

Except for students they shall be liable to subscribe to one of the journals listed below at the reduced price indicated.

They shall enjoy all the privileges of regular members of the D. M. V. in particular free subscription to *Mitteilungen der DMV* (4 copies per year), and discounted fees for DMV meetings.

Annual dues for reciprocity members for the year 2002: . . . . . **EUR 16.00** Special list of journals offered to the members:

- Jahresberichte der DMV (4 copies per year) . . . . . **EUR 19.50**
- Mathematische Semesterberichte (2 copies per year) . . . . . **EUR 20.00**

**Discount** is available for individual members on **DOCUMENTA MATHEMATICA**.

For further information on the D. M. V. see the home page of the society at

<http://www.mathematik.uni-bielefeld.de/DMV>

**- with the London Mathematical Society**

A reciprocity agreement exists between the B. M. S. and the London Mathematical Society (L. M. S.), under the terms of which members of the B. M. S. may join the L. M. S., although the L. M. S. Council reserves the right to consider each application individually.

For further information on application for membership, see the home page of the L. M. S. at

<http://www.lms.ac.uk/contact/general.html>.

**- with the Spanish Mathematical Society (R. S. M. E.)**

The R. S. M. E. recognizes to all B. M. S. members in good standing, the right to become Reciprocity Members of the R. S. M. E. The annual membership fee will be equivalent to 50% of the annual fee charged to R. S. M. E. members.

Annual dues for reciprocity members: . . . . . **EUR 20.00**

For further information on the R. S. M. E., see the home page of the society at

<http://rsme.uned.es>.

**- with the Wiskundig Genootschap (WG)**

The Belgian Mathematical Society has reached a reciprocity agreement with the Dutch Mathematical Society (Wiskundig Genootschap). Members of the BMS can join the Dutch Mathematical Society for a reduced fee of **EUR 50.00**. One can register online at

<http://www.math.leidenuniv.nl/~naw/abonnee.shtml>

**Payments**

Dues to the DMV should most conveniently be paid by credit card (Master, Diners, Visa, Eurocard). Bank accounts of DMV: Volksbank Freiburg 6955002 (BLZ 680 900 00) and Postgiro stuttgart 18517-706 (BLZ 600 100 70).

Dues to the E. M. S. and/or the S. M. F. and /or the R. S. M. E. should be paid simultaneously with the dues to the B. M. S. either

- on account number

**000-0641030-54**  
of the  
**Belgian Mathematical Society**

or

- by credit card (BMS members residing inside Belgium at the time of billing are kindly asked not to use this possibility)

VISA       EUROCARD       MasterCard

Cardnumber:

Expiry Date:

Date: \_\_\_\_\_ Cardholder's signature: .....

## News from the EMS

### EMS Executive Committee in Brussels

Luc Lemaire, Vice-President of the EMS, is pleased to announce that, at the invitation of the Belgian Mathematical Society and the Université Libre de Bruxelles, the EMS Executive Committee will meet in Brussels on 9-10 February 2002.

### EMF/EMS Publishing House

The first meeting of the Board of Trustees of the **EMF** (*European Mathematical Foundation*) had been held in Zurich in July 2001. The EMF is a non-for-profit trust that is the legal entity responsible for the work of the new **EMSph** (*European Mathematical Society Publishing House*). The EMS has appointed Thomas Hintermann as the launch Managing Director of EMSph and he took up his post on 1 September 2001.

For further details, see the **Editorial** by Thomas Hintermann in issue 42 (December 2001) of the **EMS Newsletter**.

### New facility offered by Zentralblatt MATH

Responding to frequent demand, *Zentralblatt MATH* now provides a new service allowing authors to check their article literature references conveniently and quickly, and providing persistent links to individual *Zentralblatt MATH* database items. This tool is freely available and will be soon extended to the **Jahrbuch** database.

The search menu for the citation checker is available under the URL:

<http://www.emis.de/ZMATH/x-ref.html>

Further details in the article by Bernd Wegner on page 3, in issue 42 (December 2001) of the **EMS Newsletter**.

## BMS-NCM News by e-mail

In issue # 30 (November 15, 2000) the BMS secretary announced his intention to send the Newsletter by e-mail to those members who would agree to receive it in that way. Somewhat less than half of the BMS members reacted positively and provided their e-mail address. From January 2001 on, these members received the Newsletter electronically in the form of an e-mail-attached .pdf file

One advantage of this procedure is of course for the BMS and its secretary, since e-mail is much cheaper and very much quicker than ordinary mail. But the members also get an advantage: updates of the Newsletter can easily be sent to those members who can be reached by e-mail, whereas the BMS cannot afford to send updates by ordinary mail. Events that are announced after an issue of the Newsletter has been sent, and take place before the following one is due, cannot therefore be forwarded to the non-e-mail-reachable members.

For this reason, the BMS members who have an e-mail address and have not yet given it to the BMS secretary are kindly asked to send a message to [leroy@ulb.ac.be](mailto:leroy@ulb.ac.be), indicating that they agree to receive information from the BMS by e-mail and that they want or do not want to receive the Newsletter by e-mail in the form described above.

Note that, for reasons that are linked with the payment of membership dues, the BMS Committee has decided that the January issue of the Newsletter (but that one only) will be sent by ordinary mail to all BMS members.

## International Workshop at the K. U. Leuven

### Discrete Groups and Geometric Structures, with Applications

May 22 - May 24, 2002

K.U.Leuven Campus Kortrijk, Kortrijk

Supported by

the Katholieke Universiteit Leuven Campus Kortrijk (Faculty of Sciences)

the Fund for Scientific Research - Flanders (Belgium) (F.W.O.)

the F.W.O. Research Network WO.011.96N

**Scientific Committee:** Herbert Abels, Yves Felix, William Goldman, Fritz Grunewald, Paul Igodt, Kyung Bai Lee.

**Speakers:** Yves Benoist, Benson Farb, David Fried, Rostislav Grigorchuk, Francois Labourie, Alex Lubotzky (to be confirmed) en Gregory Soifer.

**Topics involved:** Recent developments concerning all interactions between group theory and geometry are the subject of this workshop. A non-exhaustive list of possible topics include:

- Geometric group theory
- Group actions on manifolds
- Crystallographic groups and all possible generalizations (affine, polynomial, projective crystallographic groups, almost-crystallographic groups)
- Discrete subgroups of Lie groups
- Graphs of groups.

Also applications (in and beyond the fields mentioned) belong to the scope of the workshop.

Regularly updated information is available on the Website:

<http://www.kulak.ac.be/workshop>

## News from the V. U. B.

**Dr. Shuan-hong Wang** (Henan Normal University, Xinxiang, China) visits the VUB from January 14 until May 14, 2002.

**Dr. T. Guédénong** (Univ. Paris VI) will be visiting professor at VUB during 2002.

**Dr. Bin Zhu** (Tsinghua University, Beijing) visits the VUB from February 4 until April 30, 2002.

## Opportunities for mathematicians in biology - HFSP

### Bringing mathematicians into biology:

**HFSP**, the Human Frontier Science Program is an international funding agency, supported by the G7 governments, the European Union and Switzerland. The HFSP supports interdisciplinary, international collaborations in the life sciences, with an increasing focus on bringing scientists from various fields such as physics, mathematics, chemistry, computer science and engineering together with biologists to open up new approaches to understanding complex biological systems. The HFSP promotes international collaboration through collaborative **research grants** and **post-doctoral fellowships**.

The next deadline for applications for letters of intent to submit research grants is **April 3rd 2002** and for fellowships **September 1st 2002**.

Further information can be obtained from the HFSP web site at

<http://www.hfsp.org>

# CONGRÈS DE MATHÉMATIQUES APPLIQUÉES

## À LA MÉMOIRE DE JACQUES-LOUIS LIONS

PARIS, COLLÈGE DE FRANCE  
1 – 5 JUILLET 2002

### Comité d'Honneur

Hubert Curien  
Hiroshi Fujita  
Peter Lax  
Enrico Magenes  
Guri Marchuk

### Conférenciers

Luigi Ambrosio  
François Baccelli  
John Ball  
Franco Brezzi  
Luis Caffarelli  
Marie-Paule Cani  
Alexandre Chorin  
Jean-Michel Coron  
Lawrence Evans  
Olivier Faugeras  
Mathias Fink  
Michael Ghil  
Thomas Hou  
Andrew Majda  
Louis Nirenberg  
George Papanicolaou  
Anthony Patera  
Benoît Perthame  
Rolf Rannacher  
Panagiotis Souganidis  
Eitan Tadmor  
Srinivasa Varadhan  
Cédric Villani  
Mark Vishik  
Jean-Christophe Yoccoz  
Enrique Zuazua

*Continuité*

$$y' + Ay = v \chi_{\omega}$$

$$y(0) = 0 \quad y|_{\Sigma} = 0$$

$$\phi(y) = \frac{1}{2} \int_{\Omega} y(\tau; v)^2 dx$$

$$-q' + A^* q = 0$$

$$q(\tau) = y(\tau)$$

$$q|_{\Sigma} = 0$$

$$\int_{\Omega} y(t) y x_i(\tau) = 0$$



**Parrainages :** Union Mathématique Internationale et Académie des Sciences.

**Soutiens :** Ministère de la Recherche, CNRS, CNES, INRIA,

Collège de France, École Polytechnique,

Université Pierre et Marie Curie, SMAI et SMF.

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The BMS Committee  
and  
the National Committee for Mathematics  
wish the BMS and NCM members  
a  
**HAPPY NEW YEAR!**