Report at the EMS-CDC ANNUAL MEETING 14 APRIL 2014 IN BERLIN Gert-Martin Greuel

1. Zentralblatt MATH (www.zbmath.org)

Just to remind you:

zbMATH has three non-profit editorial institutions

- European Mathematical Society (EMS)
- FIZ Karlsruhe
- Heidelberg Academy of Sciences

Springer is only the publisher and service provider. All subscription revenues of zbMATH are used for maintaining and improving the service.

zbMATH offers

- Free access to the first three hits of any query for everybody
- Free access to author profiles
- Free access for every individual member of the EMS
- zbMATH-reviewers donate honorarium often to the book program of the CDC
- Free access for institutions and individuals of developing countries

Advantages of zbMATH

- zbMATH has more items (articles and books) as MathSciNet
- It represents all relevant mathematics, since it offers complete coverage back to 1868, while MSN is complete only from 1940. Hence zbMATH is the only service representing the unity of mathematics
- The new interface offers many new search and filter options making the usage of zbMATH real fun
- The new database on mathematical software swMATH (<u>www.swmath.org</u>) with more the 6.500 software packages connects articles in zbMATH with relevant software. This is a unique and much appreciated free service
- The possibility to search for formulas
- New extensions (like citation statistics) are on the way

2. Activities by zbMATH for Developing Cuntries

- Free access of zbMATH for developing countries is continued in 2014
- The list of institutions that may benefit from this offer is attached and can be found as a link at www.euro-math-soc.eu/EMS-CDC/activities.php
- The list of countries using free access in 2014 will be distributed during the meeting, as well as the usage statistics for 2013
- In 2013 zbMATH-reviewers donated 1.678,39 Euro for the book program of the CDC
- The support by zbMATH for developing countries (book program and free access) will continue
- Everybody is asked to encourage usage of the free access. For example by distributing and posting any of the posters in the attachment at institutions in developing countries
- Moreover, whenever you know an institute in developing countries and a contact person which could be interested in zbMATH please let me know,
- During workshops and conferences zbMATH may offer free access for participants
- Use your contacts to promote our service zbMATH!

3. Maths Communication in Africa through IMAGINARY (www.imaginary.org)

- IMAGINARY has started a collaboration with the African Institute for Mathematical Sciences (AIMS) Cape Town, South Africa
- In association with AIMS, an interactive IMAGINARY event was organized for the
 first time in Africa at the 10th anniversary pi-day celebrations in Dar es Salaam,
 Tanzania. The event was attended by over two thousand school children and
 their teachers coming from 3 universities, 33 secondary schools and 14 primary
 schools
- In November 5-7, 2014, a workshop and exhibition will be organized in Cape Town to plan future maths communication activities with partners on the African continent

4. Invitation to contribute

- IMAGINARY's traveling exhibitions are currently on tour or planned in the coming months in Germany, Russia, Spain, Norway, Portugal and Hungary
- The planned highlight will be an IMAGINARY exhibition organized by the NIMS institute at the ICM in Seoul, South Korea in August, which will be the largest IMAGINARY exhibition yet, featuring all modules of the last years, new software, images, films and sculptures
- Following the IMAGINARY philosophy, we invite all mathematicians to use and to contribute to IMAGINARY. Please send us (information on) images, films or software programs, to be included in IMAGINARY, in particular for use at the ICM exhibition and later in Africa