

A brief report on activities of the Electronic Publishing Committee

There was no meeting in the period during the last three months. The activities of the EPC have been limited to coordinated individual actions of the committee members.

Several EPC members took part in the public consultation Mathematics and Digital Science (<https://ec.europa.eu/digital-agenda/en/content/mathematics-and-digital-science>). The consultation was followed by a one-day workshop in Brussels on 6 November. The idea of promoting repositories of mathematical knowledge was discussed and supported there by Marta Sanz-Solé, Gert-Martin Greuel, Jiří Rákosník, Fabian Müller and Aleksander Nowinski. The latter two deputized EPC members Olaf Teschke and Marek Niezgodka who could not come. The attached report on the workshop includes the conclusions of this group (pp. 24–25).

Thomas Unger continued his engagement in the Encyclopedia of Mathematics. He and Ulf Rehmann wrote some macros to facilitate editing of old EoM pages for Mac users, who may not be familiar with LINUX and Emacs, thus possibly widening participation in the EoM (http://www.encyclopediaofmath.org/index.php/TeX_re-encoding_with_TeXShop). Vittorio Coti Zelati checked the macros and reported a problem which has been fixed.

Jim Pitman and Olaf Teschke are involved in the ongoing discussions on the Global Digital Mathematics Library. A work group has been set up during the ICM in Seoul to write a concrete road map and incremental budget towards the GDML. Besides Olaf, the EuDML interests are represented by Thierry Bouche. According to Olaf, soon there should be the first output.

Marek Niezgodka and Jiří Rákosník took part in the conference Research Data Alliance and Global Data and Computing e-Infrastructure Challenges organized in Rome on 11–12 December (<https://rd-alliance.org/IT2014EU-programme>), in frames of the Italian presidency of the Council of the EU. The conference was interesting in general, but there was no particular space for discussing specific topics concerning the EPC.

During December and January, the network for industrial mathematics EU-MATHS-IN organized writing a proposal for the project Mathematical Modelling, Simulation and Optimisation Service Infrastructure for Industry and Innovation (MSO-IN). Olaf Teschke, Vittorio Coti Zelati, Marek Niezgodka and Jiří Rákosník took part in formulation of the work package planned for enhancing the EuDML as „an infrastructure that supports the creators and users of MSO innovation with freely accessible research publications and derived information on experts and expert institutions, as well as connections to related MSO mathematical models and software“. Six partners of the EuDML Initiative would be involved in the project: UJF Grenoble, FIZ/zbMATH, ICM in Warsaw, BDIM (Biblioteca Digitale Italiana di Matematica), Masaryk University in Brno and Institute of Mathematics in Prague.

The committee should meet in the next period but the date has not yet been fixed.

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