

1116-00-2114 **Patrick D. F. Ion*** (ion@ams.org), **Olaf Teschke** and **Stephen M. Watt**. *MIDAS: Mathematical Information in the Digital Age of Science*.

Since the notion of building a World Digital Mathematical Library was endorsed by the International Mathematical Union about a decade ago, the goals of the digitization of mathematics have become much more ambitious than the mere imaging of article pages. Consequently, at the 2014 ICM in Seoul a working group of the IMU Committee on Electronic Information and Communication was established to take the necessary steps to turn the modern vision into a reality.

The MIDAS session organized by that WG will provide the community with information about these possibilities for the further strengthening of access to our mathematical literature and its preservation as a global public good. It provides a forum for discussing the opportunities to help guide or make useful progress to that end. Some of the issues considered and progress made will be indicated, as well as the way in which the special session may speak to them.

Addressing a variety of relevant social, technological and financial issues will help set up a WDML and an International Mathematical Knowledge Trust system. Other ways of using the digital environment to benefit mathematics will also be considered. (Received September 21, 2015)