Publishing scientific papers in the 21st century

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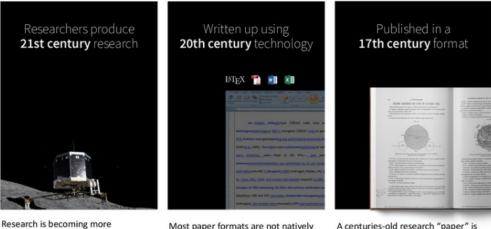
Abstract

The format of science papers and articles now have hardly changed since the 17th century, even though research methods and published content have evolved immensely. Why do scientists produce innovative modern-day research, but still publish it in a 400-year-old format? What can we do to produce scientific articles 'of the future' that better serve the global, collaborative, and data-rich science of the 21st century?

Alberto Pepe, Senior Director, Strategy and Innovation, Atypon and Matteo Cavalleri, Publisher, Wiley will be discussing Wiley's vision of the scientific article, and how preprints, interactive figures, multimedia elements and code integration are innovating scholarly publications.

Part of Wiley Research APAC Webinars, recording available (free registration required) here.

Rich media available at https://speakerdeck.com/teowaits/publishing-scientific-papers-in-the-21st-century



computational, collaborative, datadriven, automated, and web-based.

Most paper formats are <u>not</u> natively collaborative, data-driven, version controlled, or backwards compatible.

A centuries-old research "paper" is much like papers we publish, share and read today (i.e., **static**, **2D** PDFs)

Figure 1: Wiley Research APAC Webinar presented on April, 6th 2021.